

20020913.qrp v02\_n677.qrl.20020913

Date: Fri, 13 Sep 2002 19:03:10 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2677

QRP-L Digest 2677

Topics covered in this issue include:

- 1) [134851] Rock Mite for 20m  
by "Brian" <brian@iquest.net>
- 2) [134852] sa612 surface mount?  
by "Rod N0RC" <rod@n0rc.us>
- 3) [134853] Re: sa612 surface mount?  
by Chuck Carpenter <w5usj@9plus.net>
- 4) [134854] crystal radio stuff  
by "bill mill" <rvctuy19@hotmail.com>
- 5) [134855] CQ once more: 20 meter activity on Friday  
by "Juanjo Pastor" <ec5aca@wanadoo.es>
- 6) [134856] Re: sa612 surface mount? [Dan's = 602s]  
by Chuck Carpenter <w5usj@9plus.net>
- 7) [134857] Replying to Posts  
by n5wbi@clearsail.net
- 8) [134858] Famous VK QRP'er Worked  
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 9) [134859] Re: sa612 surface mount? [Dan's = 602s]  
by "w8diz" <w8diz@fpqrp.com>
- 10) [134860] RACAL HF Field ANT FS/Trade  
by W0rw@aol.com
- 11) [134861] Re: Rock Mite for 20m  
by Lloyd Lachow <llachow@yahoo.com>
- 12) [134862] FS/Trade ? hammarlund HQ-145  
by "bill mill" <rvctuy19@hotmail.com>
- 13) [134863] Re: sa612 surface mount?  
by "Mark J. Dulcey" <mark@buttery.org>
- 14) [134864] Re: Origin of IAMBIC  
by Bob Nielsen <nielsen@oz.net>
- 15) [134865] 40 mtr ant  
by hamjoel@juno.com
- 16) [134866] Re: 14.100 etc beacon system  
by Bob Nielsen <nielsen@oz.net>
- 17) [134867] Re: OT: ARRL Polls  
by Bob Nielsen <nielsen@oz.net>
- 18) [134868] Re: OT: ARRL Polls  
by "w8diz" <w8diz@fpqrp.com>
- 19) [134869] AT in PA

- by "Ron Polityka" <wb3aal@fast.net>
- 20) [134870] Sept NJQRP meeting  
by "Joe Everhart" <n2cx@voicenet.com>
- 21) [134871] Need schottlky diode SPICE model  
by "Joe Everhart" <n2cx@voicenet.com>
- 22) [134872] Re: Rock Mite for 20m  
by "Brian" <brian@iquiest.net>
- 23) [134873] RE: Need schottlky diode SPICE model  
by "Ian Wilson" <ianmwilson@earthlink.net>
- 24) [134874] Re: 14.100 etc beacon system  
by Edgar R Guillot <n5ed@juno.com>
- 25) [134875] Re: Need schottlky diode SPICE model  
by David Hinerman <WD8CIV@worldnet.att.net>
- 26) [134876] Re: Sept NJQRP meeting  
by David Hinerman <WD8CIV@worldnet.att.net>
- 27) [134877] Re: Need schottlky diode SPICE model  
by "Leon Heller" <leon\_heller@hotmail.com>
- 28) [134878] SDR .....  
by "Walt Amos" <k8cv@netzero.net>
- 29) [134879] Re: Origin of IAMBIC  
by Jake Brodsky <frussle@erols.com>
- 30) [134880] QST on news stands  
by Brien Pepperdine <pepperb@gov.on.ca>
- 31) [134881] Re: QST on news stands  
by "Paul Mills" <quahog@localnet.com>
- 32) [134882] Anyone know of the DATAK VFO KIT?  
by "Brockwell, Stephen E. CECOM SEC FSSE GPI" <brockwse@fssec.army.mil>
- 33) [134883] Re: QST on news stands  
by "brian" <brian@iquiest.net>
- 34) [134884] Re: QST on news stands  
by Bruce Muscolino <w6toy@erols.com>
- 35) [134885] Re: HF Pin Diodes aka Current Resistors  
by "Brad Hernlem" <alihernlem@hotmail.com>
- 36) [134886] Re: QST on news stands  
by Bruce Muscolino <w6toy@erols.com>
- 37) [134887] Re: QST on news stands  
by Dave Marling <ve1vq@auracom.com>
- 38) [134888] Re: QST on news stands  
by "Jeff Davis" <ke9v@att.net>
- 39) [134889] Re: QST on news stands  
by "Paul Mills" <quahog@localnet.com>
- 40) [134890] Re: QST on news stands  
by "Winston F. Jones" <winjones@ix.netcom.com>
- 41) [134891] Re: QST on news stands  
by "Tim, N9PUZ" <n9puz@arrl.net>
- 42) [134892] Antenna radiation patterns  
by "=?iso-8859-1?B?TthCUw==?" <n0bs@msn.com>
- 43) [134893] RE: 40 mtr ant

by JLeroy@automationdirect.com

44) [134894] QRPp-I Shop  
by "Jason Hissong" <jhisson1@columbus.rr.com>

45) [134895] RE: QST on news stands  
by tf3vst@vortex.is (Villi Idunni)

46) [134896] FT-8900R  
by <jfox6@houston.rr.com>

47) [134897] Re: QST on news stands  
by Chris Cartwright <ccart@phideaux.com>

48) [134898] RE: QST on news stands  
by Hank Kohl K8DD <k8dd@arrl.net>

49) [134899] Re: Ten-Tec's new Argonaut V?  
by "Rod N0RC" <rod@n0rc.us>

50) [134900] Dan's round trip time . . .  
by Nils R Young <nilsbull@juno.com>

51) [134901] Re: sa612 surface mount?  
by "Rod N0RC" <rod@n0rc.us>

52) [134902] Re: Antenna radiation patterns  
by "George, W5YR" <w5yr@att.net>

53) [134903] Re: QST on news stands  
by Alex <kr1st@amsat.org>

54) [134904] Re: QST on news stands  
by "brian" <brian@iquest.net>

55) [134905] Re: Antenna radiation patterns  
by "Russ Hines" <wb8zcc@one.net>

56) [134906] Logger  
by "nr5a" <nr5a@hills.net>

57) [134907] Re: QST on news stands  
by "brian" <brian@iquest.net>

58) [134908] Re: Antenna radiation patterns  
by George Fremin III - K5TR <geoiiii@kkn.net>

59) [134909] OT: Qst  
by "Walt Amos" <k8cv@netzero.net>

60) [134910] Re: Antenna radiation patterns  
by "George, W5YR" <w5yr@att.net>

61) [134911] Re: Logger  
by "Rod N0RC" <rod@n0rc.us>

62) [134912] Ten Tec preferance  
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>

63) [134913] Re: QST on news stands  
by "JB Crafts" <jbcraft@adelphia.net>

64) [134914] Elecraft K1 VFO Instability  
by "Paul Christensen" <w9ac@arrl.net>

65) [134915] Re: QST on news stands  
by Bob Nielsen <nielsen@oz.net>

66) [134916] A \*REAL\* diode?  
by "Leon Heller" <leon\_heller@hotmail.com>

67) [134917] Re: QST on news stands

by Tom Feeny <tfeeny@comcast.net>  
68) [134918] Antenna patterns and imagination  
by "ss lyon" <sslyon@megalink.net>  
69) [134919] Sad Day  
by "KD5NWA" <KD5NWA@mbayona.com>  
70) [134920] QST Free? No, I don't think so.  
by "Doug Hendricks" <ki6ds@dph.dpol.net>  
71) [134921] Re: A \*REAL\* diode?  
by "ss lyon" <sslyon@megalink.net>  
72) [134922] KITS: Rock-mite status  
by "Dave Benson" <nn1g@earthlink.net>  
73) [134923] Re: Elecraft K1 VFO Instability  
by "Doug Hendricks" <ki6ds@dph.dpol.net>  
74) [134924] Sad Day: time for....  
by "ss lyon" <sslyon@megalink.net>  
75) [134925] Re: A \*REAL\* diode?  
by Pete Burbank <plburbank@kih.net>  
76) [134926] Re: A \*REAL\* diode?  
by "Brad Hernlem" <alihernlem@hotmail.com>  
77) [134927] New Rock Mite enclosure idea?  
by Alex <kr1st@amsat.org>  
78) [134928] [CONTEST] N2CQ QRP Contest Calendar Sep 14-30  
by "Ken Newman" <n2cq@dandy.net>  
79) [134929] Re: New Rock Mite enclosure idea?  
by "Jeff Mitchell" <jeffmit@datastratinc.com>  
80) [134930] Re: Elecraft K1 VFO Instability  
by "Paul Christensen" <w9ac@arrl.net>  
81) [134931] QRP Afield -- 21 September 02  
by Chuck Ludinsky <cjl@mitre.org>  
82) [134932] Re: A \*REAL\* diode?  
by "Leon Heller" <leon\_heller@hotmail.com>  
83) [134933] Making a transistor from galena  
by "Leon Heller" <leon\_heller@hotmail.com>  
84) [134934] Re: QRP Afield -- 21 September 02  
by "Doug Hendricks" <ki6ds@dph.dpol.net>  
85) [134935] Re: QRP Afield -- 21 September 02  
by Paul Womble <pwomble1@tampabay.rr.com>  
86) [134936] Could use a little help RE: SWR meters  
by IamSF5@aol.com  
87) [134937] VFO / 5W CW Kit  
by John R Kirby <n3aaz-qrp@juno.com>  
88) [134938] Re: QRP Afield -- 21 September 02  
by Dave Hottell <hottell@gulftel.com>  
89) [134939] Re: Could use a little help RE: SWR meters  
by "carl seyresdahl" <carlseye@tampabay.rr.com>  
90) [134940] Why?  
by Bruce Muscolino <w6toy@erols.com>  
91) [134941] RE: QST on news stands

by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

92) [134942] RE: OT: ARRL Polls  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

93) [134943] Re: Why?  
by W2AGN <w2agn@w2agn.net>

94) [134944] Re: QRP Afield -- 21 September 02  
by "Walter AG5P" <walter@accessus.net>

95) [134945] RE: QST on news stands  
by kwiike@gdls.com

96) [134946] RE: Why?  
by "N8IE" <n8ie@woh.rr.com>

97) [134947] Re: QST on news stands  
by Thom LaCosta <baltimoremd@baltimoremd.com>

98) [134948] Re: Why?  
by Garey Barrell <k4oah@mindspring.com>

99) [134949] RE: QST Free? No, I don't think so.  
by "N8IE" <n8ie@woh.rr.com>

100) [134950] Re: Why?  
by Thom LaCosta <baltimoremd@baltimoremd.com>

101) [134951] HB - manhattan capacitor  
by Harry Hurst <wa3ptg@comcast.net>

102) [134952] Re: Why?  
by W2AGN <w2agn@w2agn.net>

103) [134953] RE: Why?  
by "N8IE" <n8ie@woh.rr.com>

104) [134954] Re: Why?  
by Thom LaCosta <baltimoremd@baltimoremd.com>

105) [134955] Re: Elecrafft K1 VFO Instability  
by JOSE VICENTE <vicente@supernet.com.br>

106) [134956] Re: Making a transistor from galena  
by JOSE VICENTE <vicente@supernet.com.br>

107) [134957] Re: Why?  
by Dave Fouchey <dafouchey@comcast.net>

108) [134958] RE: QST Free? No, I don't think so.  
by Mighty Mik <mightymik2@attbi.com>

109) [134959] [OT] ARRL - Evil empire or salvation of Amateur Radio? (was RE: Why?)  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

110) [134960] Re: Why?  
by Tom Feeny <tfeeny@comcast.net>

111) [134961] RE: Why?  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

112) [134962] RE: QST Free? No, I don't think so.  
by "N8IE" <n8ie@woh.rr.com>

113) [134963] RE: Why?  
by "N8IE" <n8ie@woh.rr.com>

114) [134964] Re: Could use a little help RE: SWR meters  
by "bob baxter" <rbaxter@cybertrails.com>

115) [134965] Technician class help  
by <mgoins@usa.net>

-----  
Date: Thu, 12 Sep 2002 18:06:45 -0500  
From: "Brian" <brian@iquest.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [134851] Rock Mite for 20m  
Message-ID: <009301c25ab1\$116777e0\$70622bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The mailman cometh, and LEFT ME A ROCK MITE 20!!!

I guess I'll finish my RM 40 tonight so I can do my RM 20 tomorrow!!!

73 de KB9BVN

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Date: Thu, 12 Sep 2002 17:05:46 -0600  
From: "Rod N0RC" <rod@n0rc.us>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134852] sa612 surface mount?  
Message-ID: <003f01c25ab0\$ee45f020\$6401a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

Where can I purchase a few surface mount sa612s? Neither Mouser or Digikey handle Philips devices. Most other places I've found such as Arrow require large minimums (thousands at a time).

73, Rod N0RC

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Date: Thu, 12 Sep 2002 18:16:16 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: rod@n0rc.us,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134853] Re: sa612 surface mount?  
Message-ID: <3.0.2.32.20020912181616.006bb3e4@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Rod,

Check out Dan's Small Parts. Look in his surface mount section.

At 05:05 PM 9/12/02 -0600, Rod N0RC wrote:

>Folks,  
>  
>Where can I purchase a few surface mount sa612s? Neither Mouser or  
>Digikey handle Philips devices. Most other places I've found such as  
>Arrow require large minimums (thousands at a time).  
>  
>73, Rod N0RC  
>  
>  
>  
>  
>WARNING: The remainder of this message has not been transferred.  
>The estimated size of this message is 2450 bytes.  
>Click on the server retrieve icon above and check mail again to get the  
whole thing. If the server retrieve icon is not showing, then this message  
is no longer on the server.  
>

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

-----  
Date: Thu, 12 Sep 2002 23:25:30 +0000  
From: "bill mill" <rvctuy19@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [134854] crystal radio stuff  
Message-ID: <F334hy3Nh0Ivv6fjRvY00005a7b@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

hi all,  
i tried to no avail to respond during the time when the whole crystal radio discussion was going on. so here is my 2 cents worth. i am an avid crystal radio builder and would like to let you all know a great web site to learn more about it if you are interested.

[www.midnightscience.com](http://www.midnightscience.com)

it is as much a valuable resource for novices wanting to learn about it as well as seasoned veteran builders.

well there is my 2 cents worth

de is kd5kac

(p.s. an FM crystal receiver is possible to build rather easily) email offline for more info

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Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

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Date: Thu, 12 Sep 2002 16:13:42 +0200  
From: "Juanjo Pastor" <[ec5aca@wanadoo.es](mailto:ec5aca@wanadoo.es)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [134855] CQ once more: 20 meter activity on Friday  
Message-ID: <000601c25ab4\$8e0b17e0\$3e7a6750@fer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hello again:

Me and my trusty and drifty TT1320 will make the trip to Liria this Friday evening to be on the air around 22:00 UTC on 14.060 or whereabouts. I do know the hour is a bit early for most U.S. stations, at least for those west of the Appalachians, I guess, but picture it will be 00:00 local time and I will be 50 Km away from home. I just don't hope to work many "pesky" texans or californians... Hope to copy some of you up there. CUL!

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Juanjo Pastor  
C/San Roque, 4-1=BA  
46460 Silla



SPAIN

e-mail: ea5chq@wanadoo.es  
Tel.: +034 96 120 17 67  
Movil: 651 35 35 11

-----  
Date: Thu, 12 Sep 2002 18:32:22 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: qrp-l@lehigh.edu  
Subject: [134856] Re: sa612 surface mount? [Dan's = 602s]  
Message-ID: <3.0.2.32.20020912183222.006af62c@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I just looked at the ones I got from Dan's and they are 602s not 612s.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

-----  
Date: Thu, 12 Sep 2002 18:34:13 -0500 (CDT)  
From: n5wbi@clearsail.net  
To: qrp-l@lehigh.edu  
Subject: [134857] Replying to Posts  
Message-ID: <200209122334.g8CNYDNDV018451@mail.clearsail.net>

Fellow QRP'ers,

I thought I would add my \$0.02 worth into the fray ...

For those of us who receive the QRP-L in daily digest form, it would be EXCELLENT if every one of us would, when we reply to a post, DELETE the original message(s) from our reply. The subject line in your reply should be enough for the reader to identify the thread's lineage.

Daily digests of 250 kB or more (some have been 300+ kB!!) really clogs our inboxes!

Also, when you leave the original e-mail in your reply, some ISP's (like mine) have e-mail filters in place that treat all indented text with ">" characters as "UNKNOWN CONTENT" and filter it out, leaving huge chunks of blank lines, where the indented text would have gone.

Thanks!

72/73 de Steve N5WBI

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Date: Thu, 12 Sep 2002 18:35:46 -0500  
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>  
To: "QRP-L Distribute" <qrp-l@lehigh.edu>  
Cc: "D J Annis" <ad5eb@arrl.net>  
Subject: [134858] Famous VK QRP'er Worked  
Message-ID: <000801c25ab5\$20c113a0\$ba36a6d8@texas.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This morning I had the pleasure of working Drew Diamond, VK3XU on 40m CW. I gave him a 559 and he gave me a 449 until we QSY'ed due to QRM and then he gave me a 559. I was using 5 watts and my SGC SG-237 fed inverted-L antenna.

Drew is a prolific author of QRP related articles in Australia. I don't know if he is a regular or not during our morning but he was on around 7.010 MHz just before 1200 UTC so you might want to keep an ear out for him.

The bands sounded very poor this morning but there was a good path to Australia.

73,  
Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

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Date: Thu, 12 Sep 2002 19:54:24 -0400  
From: "w8diz" <w8diz@fpqrp.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134859] Re: sa612 surface mount? [Dan's = 602s]  
Message-ID: <007801c25ab7\$b8dfe0b0\$b8cf1d41@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Chuck Carpenter" <w5usj@9plus.net>

> I just looked at the ones I got from Dan's and they are 602s not 612s.

SAME THING! for all practical purpose.

-Diz

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Date: Thu, 12 Sep 2002 20:01:37 EDT  
From: W0rw@aol.com  
To: qrp-1@lehigh.edu  
Subject: [134860] RACAL HF Field ANT FS/Trade  
Message-ID: <11c.16eb1380.2ab284e1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Please reply direct to w0rw@aol.com  
RACAL 950-902 Tactical HF Antenna System for sale or trade.  
This kit is a Wide Band Dipole using 2 Terminating Resistor Pegs for NVIS, or a Half Wave Dipole, or a Sloping "V" wide band antenna.  
The Dipole has a junction block, coax, and green aerial wire. 2 - 40 MHz.  
The Sloping "V" antenna has a Balun, and aerial wire plus ground wires and 2 Terminating Resistor pegs. The "V" is 33.5 meters long and the open end spaced 26 meters apart. It covers 6 - 40 MHz and gives some gain on the higher frequencies. This is a broadband antenna rated at 50W intermittent duty.

It consists of:

911-011 Balun Transformer  
950-006 Terminating Pegs (Looks like a tent stake)(2)  
950-010 Earth Braid Assy (2)  
950-002 Element Assy (2)  
654-003 Coax Cable Assy (1)  
726-005 Dipole Center Junction  
911-007 Throwing Cord Assy  
950-101 Instruction sheet

SD/D244050 Carrying Case (Green, 10 x 12 x 5 inches, with shoulder carrying strap)

Entire kit weighs 11 pounds.

Shipping and insurance extra....Ship to US mailing addresses only..

Original cost was \$1000. Will trade for some other QRP/Green thing.

This little bag has no poles in it, they are user supplied.

Contact      w0rw@aol.com

Paul Signorelli

P.O. Box 6069

Colorado Springs, CO 80934

-----  
Date: Thu, 12 Sep 2002 17:09:03 -0700 (PDT)

From: Lloyd Lachow <llachow@yahoo.com>

To: QRP-l <qrp-l@lehigh.edu>

Subject: [134861] Re: Rock Mite for 20m

Message-ID: <20020913000903.87089.qmail@web10008.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Brian wrote:

The mailman cometh, and LEFT ME A ROCK MITE 20!!!

Well, he cometh here, too, and DID THE SAME THING!!!

Except, in my case, this will be THE FIRST RADIO  
THINGIE I EVER BUILT EVER, except a crystal set in the  
50's. I'm gonna hafta figger out where to attach the  
jacks and connectors, and switch, and which ones to  
get, 'cause Dave rightly figgers that we all know that  
stuff...but it's the learning experience I'm really  
after, so I'm PSYCHED!!

Soon, my K1 will be my QRO base rig! Yeehaww!

72 es oo,

Lloyd, K3ESE

-----  
Do you Yahoo!?

Yahoo! News - Today's headlines  
<http://news.yahoo.com>

-----  
Date: Fri, 13 Sep 2002 00:45:03 +0000  
From: "bill mill" <rvctuy19@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [134862] FS/Trade ? hammarlund HQ-145  
Message-ID: <F151NIWq2ktWu696Qzu0000bc29@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

hi all,  
was wondering if anyone was interested in trading or purchasing a hq145 in really good shape. i just don't have much need for it now and am moving soon.

72/73 de kd5kac

-----  
Join the world s largest e-mail service with MSN Hotmail.  
<http://www.hotmail.com>

-----  
Date: Thu, 12 Sep 2002 20:43:29 -0400  
From: "Mark J. Dulcey" <mark@buttery.org>  
To: rod@n0rc.us, qrp-l@lehigh.edu  
Subject: [134863] Re: sa612 surface mount?  
Message-ID: <3D8134B1.701@buttery.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Rod N0RC wrote:

> Folks,  
>  
> Where can I purchase a few surface mount sa612s? Neither Mouser or  
> Digikey handle Philips devices. Most other places I've found such as  
> Arrow require large minimums (thousands at a time).

I remember a post on this list a few months ago that said that SA602 and SA612 parts are now identical; Philips just sells them under both numbers because people

insist on ordering them that way. The NE612, back before Signetics was bought out by Philips, was originally a variant of the NE602 with slightly poorer specs.

Allied Electronics (<http://www.alliedelec.com>) has surface mount SA602AD parts, and will sell them in quantity one for \$2.62 each. Their web site says they currently have 332. They also have 246 SA602AN parts (PDIP) and 12 SA612AN parts. Allied does have a \$25 minimum order, so you might have to order some other stuff in addition to your mixers. I ordered some stuff from them a few months back (including some SA602ANs, as it happens - I needed a couple of fans to repair a network switch, and ordered the SA602s to pad out the order), and everything went well.

Pioneer-Standard (<http://www.ied.pios.com>) also has surface mount SA602AD parts, and they're cheaper there: \$1.45 each. I have ordered from them as well (no Philips parts, though), and had a bit of a hassle when they sent an order out without a proper address. But they did get it sorted out with UPS before my parts were sent back to the warehouse. If memory serves, they also have a \$25 minimum. You get slightly better pricing on some parts if you register with their web site; didn't check on the Philips stuff.

Allied and Pioneer-Standard both have reasonable shipping fee policies; basically, they just pass along what they pay for shipping. Not as cheap as the free shipping you can get from Digi-Key if you order by mail. But in this age of the Internet, who wants to do that, anyway?

Arrow: avoid, avoid, avoid. They really don't want to handle small orders. Their handling charges are deadly; they charge for each line item on your order, so you get killed if you just want a small quantity of a large number of items. Don't use them unless you simply can't get a part anywhere else, or you're looking for production quantities.

-----  
Date: Thu, 12 Sep 2002 18:00:46 -0700  
From: Bob Nielsen <[nielsen@oz.net](mailto:nielsen@oz.net)>  
To: Low Power Amateur Radio Discussion <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [134864] Re: Origin of IAMBIC  
Message-ID: <20020913010046.GA9287@bob.n7xy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

But if you tell anyone you have a trochaic keyer, chances are they probably won't understand....

73,  
Bob, N7XY

On Thu, Sep 12, 2002 at 12:57:15PM -0400, Charles Mabbott wrote:

> Mike,  
> I have a question, when my paddles are squeezed and I happen to have the  
> dit paddle lead [slightly] the dah paddle I get a sound just as you  
> describe. But if the dah paddle is pushed slightly ahead of the dit paddle  
> I get the dah dit dah dit... I heard what you said and now understand the  
> origin of the term, but if the dah is pushed slightly ahead of the dit  
> paddle I do not see how a 'true' iambic could exist. I am not saying it  
> doesn't I just don't understand it. I just barely got mode A and B figured  
> out.....

> 73 oo

> Chuck AA8VS

>

>

>

> >From: NA1XX@aol.com

> >Reply-To: NA1XX@aol.com

> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> >Subject: Origin of IAMBIC

> >Date: Thu, 12 Sep 2002 04:40:46 EDT

> >

> >"Iambic" ("iambos" in Greek) was first used to describe a type of

> >rhythmical

> >or metrical pattern used in ancient Greek poetry. That pattern consisted

> >of a

> >short vowel followed by a long vowel (or a dit followed by a dah, if you

> >will.)

> >In English poetry, we see iambs in the work of Robert Frost, for

> >example..."And miles to go before I sleep, and I have promises to keep."

> >(di

> >dah di dah di dah di dah, di dah di dah di dah di dah)

> >So an IAMBIC paddle is one that when the arms are squeezed together will

> >automatically send the pattern di dah di dah di dah di dah and so on until

> >the arms are released.

> >

> >

> >73

> >Mike, NA1XX

>

>

>

>

> "If your not part of the solution,

> there is good money to be made

> prolonging the problem."

> <http://68.43.100.7:81/aa8vs>

>

>  
>  
> -----  
> Send and receive Hotmail on your mobile device: <http://mobile.msn.com>  
>

--

Bob Nielsen, N7XY  
Bainbridge Island, WA  
IOTA NA-065, USI WA-028S

n7xy@n7xy.net

-----  
Date: Thu, 12 Sep 2002 21:03:33 -0400  
From: hamjoel@juno.com  
To: qrp-1@lehigh.edu, fpqrp-1@mpna.com  
Subject: [134865] 40 mtr ant  
Message-ID: <20020912.210456.-301905.1.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

anyone kneaux the pattern and expected favoritism to a given direction  
and what the db (compared to dipole at similiar height )  
advantage....?????

I am looking at the possibility of maybe getting a set of 2.... 3 element  
wire beam  
side by side at about 33 foots of height...

The current 3 ele wire beam doing fine, just wondering....

ke1la joel  
in maine  
pray for me....

-----  
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Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Thu, 12 Sep 2002 18:11:07 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [134866] Re: 14.100 etc beacon system  
Message-ID: <20020913011107.GB9287@bob.n7xy.net>



Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Thu, Sep 12, 2002 at 11:07:22AM -0600, Karl F. Larsen wrote:

>

> Bruce try both 17 and 15 meter beacons. 20 meters is not even close to  
> the maximum usable frequency this week.

Boy, I'm glad I didn't know that yesterday when I worked the TF and JT  
stations. I was running 100w, not QRP, but I bet the TF could have  
heard me at 5 watts. The SSB pileup for K4P was quite heavy, but I  
went down to the CW part of 20 and they were begging for contacts.

Bob, N7XY

-----

Date: Thu, 12 Sep 2002 18:15:59 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [134867] Re: OT: ARRL Polls  
Message-ID: <20020913011559.GC9287@bob.n7xy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Thu, Sep 12, 2002 at 03:42:41PM -0400, Alex wrote:

> Can we conclude from:

>

> <http://www.arrl.org:80/survey.php3?pollnr=125>

>

> that only 32.8% of all hams are honest? ;-)

>

> Perhaps they could do a poll on "Have you ever considered to retire  
> early just so you can stay home and operate?"

Honestly(!), that was one of my thoughts when I retired early.

73, Bob N7XY

-----

Date: Thu, 12 Sep 2002 21:52:47 -0400  
From: "w8diz" <w8diz@fpqrp.com>  
To: <nielsen@oz.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134868] Re: OT: ARRL Polls

Message-ID: <00ec01c25ac8\$434687d0\$b8cf1d41@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The Poll seems realistic to me...several times I played hooky from work, but the main reason has never been Radio...thought I may have gotten on the air :)

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W  
FP#-1 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 HIqrp-400  
<http://kitsandparts.com>

----- Original Message -----

From: "Bob Nielsen" <nielsen@oz.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, September 12, 2002 9:15 PM  
Subject: Re: OT: ARRL Polls

On Thu, Sep 12, 2002 at 03:42:41PM -0400, Alex wrote:

> Can we conclude from:  
>  
> <http://www.arrl.org:80/survey.php3?pollnr=125>  
>  
> that only 32.8% of all hams are honest? ;-)  
>  
> Perhaps they could do a poll on "Have you ever considered to retire  
> early just so you can stay home and operate?"

Honestly(!), that was one of my thoughts when I retired early.

73, Bob N7XY

-----  
Date: Thu, 12 Sep 2002 21:52:33 -0400  
From: "Ron Polityka" <wb3aal@fast.net>  
To: ". QRP-L" <qrp-l@lehigh.edu>, ". NJ QRP-L" <njqrp@njqrp.org>,  
<Elecrafft@mailman.qth.net>  
Subject: [134869] AT in PA  
Message-ID: <002201c25ac8\$3ae76f00\$96e65cd1@wb3aal>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

Ed, WA3WSJ and myself, WB3AAL, are going out onto the Appalachian Trail on Sept. 13, 2002 until Sept. 14, 2002.

We plan to hike about 7.25 miles on Friday and 6 miles on Saturday. We will be hiking from Lehigh Gap near Palmerton, PA south (actually west) to Route 309.

We will be operating our K1's from the Bake Oven Shelter in Carbon County PA, on Friday evening and Saturday morning. Should be on the air sometime after 21:00 UTC until ? that night. Should be on the air Saturday morning until 14:00 UTC. The usual CW QRP frequencies on 40m, 30m, 20m or 17m. Who knows, if the hiking goes well we might be back on the air Saturday afternoon near Route 309.

72  
Ron de WB3AAL  
[www.n3epa.org/](http://www.n3epa.org/)

-----  
Date: Thu, 12 Sep 2002 22:16:00 -0400  
From: "Joe Everhart" <n2cx@voicenet.com>  
To: "njqrp" <njqrp@njqrp.org>  
Cc: "qrp1" <qrp-1@lehigh.edu>  
Subject: [134870] Sept NJQRP meeting  
Message-ID: <002401c25acb\$819ff540\$633947d1@n2cxtoy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Group,

The Sept NJQRP meeting will be on Saturday, Sept 21. This time we will return to our old stomping grounds, Van Nest Park near Princeton, NJ. You may recall that this is the famous Grovers Mill site of War of the Worlds fame.

This is our sort-of annual outdoors meeting and the rough "theme" will be portable antenna and rig setup. Since it coincides with the NEQRP QRP

Afield operating event, we encourage attendees to set up for all to see their new field goodies and then stay around to operate QAF.

This dovetails quite nicely since the operating event runs from 1500Z on the 21st to 0300Z on the 21st. That's 11 am Sat to 10 pm Sunday. Be advised, though, that the park closes at sunset.

For more details on the operating event see:  
<http://www.qsl.net/wq1rp/qrpaf02r.htm>

This get-together will certainly not have any formal agenda. Let's get together at, say, 9 am and have a good old fashioned ham eyeball QSO or three then gawk at all the neat field antennas and setups. Please bring your SLVs, PAC-12s, etc to set 'em up and check 'em out before 11 am. Lots of other folks across the country will be doing the same so it's a good opportunity to do some comparative checking.

Directions to the park will be on the NJQRP web site in the next day or two.

Joe N2CX and George, N2APB  
for the NJQRP Club

-----  
Date: Thu, 12 Sep 2002 22:19:03 -0400  
From: "Joe Everhart" <n2cx@voicenet.com>  
To: "qrpl" <qrpl@lehigh.edu>  
Cc: "njqrp" <njqrp@njqrp.org>  
Subject: [134871] Need schottlky diode SPICE model  
Message-ID: <002a01c25acb\$eeef093c0\$633947d1@n2cxtoy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

Yup, it's for a homebrew project so it is on-topic!

Can someone please send me or point me to a site with a good SPICE model for a small signal schottky diode. A 1N5711 model would be ideal, but I can probably work with a model for any common small-signal

schottky device.

TIA and...

72/73,

Joe E., N2CX

-----  
Date: Thu, 12 Sep 2002 21:39:08 -0500  
From: "Brian" <brian@iquest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134872] Re: Rock Mite for 20m  
Message-ID: <008301c25ace\$bc7d0d30\$70622bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Lloyd, my dear Flying Pig friend....I have built a gob of stuff, everything eventually works too...so tonight, I finish up my 40m Rockmite...slap the power to it...no smoke...headphones full of hummmmmmmmmmmmm....paddles not wired right....can't make hummmmmmm go away quick. I did get it to key though, about 600 mw...don't know if that's what it's supposed to be. Power is from wall wart...will try it on the battery tomorrow.

Gotta get rid of the hummmmmmmmm...I fingered the board with a finger and a probe and can't figure out where the hummmmmmmmm is coming from. I used stereo jacks for the keys and the headphones and may have that wired wrong too.

I'd like to say that half the fun of building a kit is the troubleshooting....but to me, it isn't. <grin>

Cleaned off my bench, turned off lights...went into the house to sweet talk the XYL and maybe do some QSO's on the K1 or listen for clandestine crypto stations sending in a food order for McDonalds....

Any of you QRPers coming to the Hoosier Hills Hamfest in Bedford IN on October 6th, come to the QRP Forum at 9am and join us for some fun and show and tell. This is the third year for the Flying Pigs QRP Club International to host the QRP Forum there. Camping is available for the evening of the 5th.

73 de KB9BVN

----- Original Message -----

From: "Lloyd Lachow" <llachow@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, September 12, 2002 7:09 PM

Subject: Re: Rock Mite for 20m

> Brian wrote:

>

> The mailman cometh, and LEFT ME A ROCK MITE 20!!!

>

> Well, he cometh here, too, and DID THE SAME THING!!!

>

> Except, in my case, this will be THE FIRST RADIO

> THINGIE I EVER BUILT EVER, except a crystal set in the

> 50's. I'm gonna hafta figger out where to attach the

> jacks and connectors, and switch, and which ones to

> get, 'cause Dave rightly figgers that we all know that

> stuff...but it's the learning experience I'm really

> after, so I'm PSYCHED!!

> Soon, my K1 will be my QRO base rig! Yeehaww!

>

> 72 es oo,

>

> Lloyd, K3ESE

>

>

>

>

>

> -----  
> Do you Yahoo!?

> Yahoo! News - Today's headlines

> <http://news.yahoo.com>

>

>

-----  
Date: Thu, 12 Sep 2002 19:43:22 -0700

From: "Ian Wilson" <ianmwilson@earthlink.net>

To: <n2cx@voicenet.com>,  
    "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>  
Subject: [134873] RE: Need schottlky diode SPICE model  
Message-ID: <000001c25acf\$57f74c30\$a7d1fc9e@TrabucoIan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Found this:

```
*****  
* (c)1999 Thomatronik GmbH *  
* info@thomatronik.de *  
* *  
* Author: Arpad Buermen *  
* Arpad.Burmen@ieee.org *  
*****
```

```
.SUBCKT DN5711 1 2  
.MODEL SD D (  
+ N=1.68359  
+ IS=1.50122E-007  
+ RS=31.3769  
+ EG=0.69  
+ XTI=2  
+ CJO=2E-012  
+ VJ=0.393705  
+ M=0.196045  
+ FC=0.5  
+ TT=1.4427E-009  
+ BV=70  
+ IBV=0.001  
+ KF=0  
+ AF=1 )  
.MODEL PND D (  
+ N=1.14222  
+ IS=1.16495E-014  
+ RS=1.06783  
+ EG=1.11  
+ XTI=3 )  
D1 1 2 SD  
D2 1 2 PND  
.ENDS
```

On this site: <http://www.mobilesemi.com/us/spice/spice-ssp.asp>

Haven't tried it. Hope it works for ya.

72 de ian, k3imw/6

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf  
Of Joe Everhart

> Sent: Thursday, September 12, 2002 6:19 PM

> To: Low Power Amateur Radio Discussion

> Subject: Need schottlky diode SPICE model

>

> Gang,

>

> Yup, it's for a homebrew project so it is on-topic!

>

> Can someone please send me or point me to a site

> with a good SPICE model for a small signal schottky

> diode. A 1N5711 model would be ideal, but I can

> probably work with a model for any common small-signal

> schottky device.

>

> TIA and...

>

> 72/73,

>

> Joe E., N2CX

>

-----  
Date: Thu, 12 Sep 2002 21:59:01 -0500

From: Edgar R Guillot <n5ed@juno.com>

To: qrp-1@lehigh.edu

Subject: [134874] Re: 14.100 etc beacon system

Message-ID: <20020912.215901.296.0.N5ED@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I think that was because they gave a SSB 20M frequency in their notices  
and nothing on CW. If they had said their CW frequency then the world  
would have come down on their heads on 20M CW.

The SSB pileup for K4P was quite heavy, but I

> went down to the CW part of 20 and they were begging for contacts.



>  
> Bob, N7XY

N5Ed Guillot  
near New Orleans  
SOC #535

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Thu, 12 Sep 2002 22:35:17 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [134875] Re: Need schottlky diode SPICE model  
Message-ID: <5.1.0.14.1.20020912223159.00b1e0c8@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Joe,

Here's a Web page with text for the parameters. I suppose you could edit  
your own model:

-----8< CUT HERE >8-----  
SPICE model  
The parameters are for a single diode (HSMS-2800). Parameters also apply to  
the individual diodes within multiple diode configurations.  
parameterunitsvalue  
BV (Vbr)V75  
CJOpF1.6  
EGeV0.69  
IBVA10E-5  
ISA3E-8  
N-1.08  
RSohms30  
PB (Vj)V0.65  
PT (XTI)-2  
M-0.5

-----8< CUT HERE >8-----  
Here's the link to the page. It has PDF data sheets as well - including the  
1N5711:

<http://rf.rfglobalnet.com/designcenters/hp/products/diodes/hsms280x.htm>

Dave

At 10:19 PM 9/12/2002 -0400, you wrote:

>Gang,

>

>Yup, it's for a homebrew project so it is on-topic!

>

>Can someone please send me or point me to a site

>with a good SPICE model for a small signal schottky

>diode. A 1N5711 model would be ideal, but I can

>probably work with a model for any common small-signal

>schottky device.

>

>TIA and...

>

>72/73,

>

>Joe E., N2CX

-----  
"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton  
-----

Dave Hinerman  
WD8CIV@att.net

-----  
Date: Thu, 12 Sep 2002 22:29:35 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [134876] Re: Sept NJQRP meeting  
Message-ID: <5.1.0.14.1.20020912222828.00b27b88@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>This get-together will certainly not have any formal agenda. Let's get  
>together  
>at, say, 9 am and have a good old fashioned ham eyeball QSO or three then  
>gawk at all the neat field antennas and setups. Please bring your SLVs,  
>PAC-12s, etc to set 'em up and check 'em out before 11 am.

Okay, since you brought it up... (Grin) Where would one find construction info on the PAC-12?

Dave

-----  
"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton  
-----

Dave Hinerman  
WD8CIV@att.net

-----  
Date: Fri, 13 Sep 2002 06:25:02 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: n2cx@voicenet.com, qrp-1@lehigh.edu  
Subject: [134877] Re: Need schottlky diode SPICE model  
Message-ID: <F187iJBNDymPUVhV3Ca00004225@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: "Joe Everhart" <n2cx@voicenet.com>  
>Reply-To: n2cx@voicenet.com  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Need schottlky diode SPICE model  
>Date: Thu, 12 Sep 2002 22:19:03 -0400  
>  
>Gang,  
>  
>Yup, it's for a homebrew project so it is on-topic!  
>  
>Can someone please send me or point me to a site  
>with a good SPICE model for a small signal schottky  
>diode. A 1N5711 model would be ideal, but I can  
>probably work with a model for any common small-signal  
>schottky device.

I've got models for other Schottky diodes like the BAR42 in the SPICE package I use, if that helps.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790  
Email:leon\_heller@hotmail.com

My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
My low-cost Altera Flex design kit: <http://www.leonheller.com>

-----  
MSN Photos is the easiest way to share and print your photos:  
<http://photos.msn.com/support/worldwide.aspx>

-----  
Date: Thu, 12 Sep 2002 20:50:14 -0400  
From: "Walt Amos" <k8cv@netzero.net>  
To: "Posts Qrp-L" <qrp-l@lehigh.edu>  
Subject: [134878] SDR .....  
Message-ID: <000201c25b11\$856b0430\$122c3b41@WALTK8CV>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Could it be

software defined radio ?

-----  
Introducing NetZero Long Distance  
Unlimited Long Distance only \$29.95/ month!  
Sign Up Today! [www.netzerolongdistance.com](http://www.netzerolongdistance.com)

-----  
Date: Fri, 13 Sep 2002 08:25:58 -0400  
From: Jake Brodsky <frussle@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134879] Re: Origin of IAMBIC  
Message-ID: <j6m3ouohs78fv3pa3j7u7v7pv62p5e7666@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Thu, 12 Sep 2002 18:00:46 -0700, you wrote:

>But if you tell anyone you have a trochaic keyer, chances are they  
>probably won't understand....

Hey what if we all agree that Iambic keyers are mode A and Trochaic keyers are mode B? Why, that's almost poetic!

; -)

73,

Jake Brodsky, <mailto:frussle@erols.com>  
PP ASEL IA, Cessna Cardinal N30946, Based @ FME  
Amateur Radio Station AB3A

-----  
Date: Fri, 13 Sep 2002 08:51:08 -0400 (EDT)  
From: Brien Pepperdine <[pepperb@gov.on.ca](mailto:pepperb@gov.on.ca)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [134880] QST on news stands  
Message-ID: <[Pine.OSF.4.05.10209130849270.22980-100000@govonca2.gov.on.ca](mailto:Pine.OSF.4.05.10209130849270.22980-100000@govonca2.gov.on.ca)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Fellows!

Has QST been halted on news stand sales in USA as well, or is this a prejudice ('financial reasons') against Canadians only.

If so, what do you think about THAT?!

I am amazed, and disgusted.

Brien Pepperdine  
Amateur Radio Station VE3VAW  
Toronto, Ontario Canada  
ARCI QRP #8773 - NORCAL QRP "ZOMBIE"

-Information and comments herein are mine own and are separate and independent of the electronic information gateways, pathways and provider(s) utilized-

-----  
Date: Fri, 13 Sep 2002 09:12:07 -0400  
From: "Paul Mills" <[quahog@localnet.com](mailto:quahog@localnet.com)>  
To: <[QRP-L@lehigh.edu](mailto:QRP-L@lehigh.edu)>  
Subject: [134881] Re: QST on news stands

Message-ID: <002501c25b27\$2a01ac00\$64439942@cybrinjn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Brien Pepperdine <pepperb@gov.on.ca>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Friday, September 13, 2002 8:51 AM  
Subject: QST on news stands

>  
> Fellows!  
> Has QST been halted on news stand sales in USA as well, or is  
this a  
> prejudice ('financial reasons') against Canadians only.

There was no August QST at either Barnes & Noble or Border's  
here in Hyannis, MA., nor is there a Sept. issue...

Paul KB1GEJ

-----  
Date: Fri, 13 Sep 2002 08:07:13 -0500  
From: "Brockwell, Stephen E. CECOM SEC FSSE GPI" <brockwse@fssec.army.mil>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [134882] Anyone know of the DATAK VFO KIT?  
Message-ID: <D9781901107D6A4AB59B567ED74090B454DBEE@pandora.fssec.army.mil>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Got a copy of WORLD RADIO yesterday and on page 59 is an advertisement for  
the DATAK VFO kit part number 80-1410 VFO. This one looks to be about 2  
inches by 2 inches and tune about 200 khz for \$15.99. It is supposed to be  
able to be used from 100 khz to 33 mhz. In the article it says that it is  
intended to replace a crystal in a receiver or transmitter circuit. The web  
site in the article is listed as [www.philmore-datak.com](http://www.philmore-datak.com) to find  
distributors.

I may order one. Wonder if you could build a Tuna-Tin II and replace the  
crystal with one or mate this up to the Rock-Mite for a wide range of  
tuning? More advanced folks than me need to check this out.

Standard disclaimer: I don't have one nor do I work for them nor have I ever heard of them before this article. In fact I only know a little about radio and electronics at all.

Steve KC5TTY  
Elgin, OK

-----  
Date: Fri, 13 Sep 2002 09:20:58 -0400  
From: "brian" <brian@iquest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134883] Re: QST on news stands  
Message-ID: <000b01c25b28\$6693b1d0\$3d05080a@BM17711>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well before we all freak out and start a bitchfest...has anyone bothered to ASK ARRL about this?

----- Original Message -----  
From: "Paul Mills" <quahog@localnet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, September 13, 2002 9:12 AM  
Subject: Re: QST on news stands

>  
> ----- Original Message -----  
> From: Brien Pepperdine <pepperb@gov.on.ca>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Sent: Friday, September 13, 2002 8:51 AM  
> Subject: QST on news stands  
>  
>  
> >  
> > Fellows!  
> > Has QST been halted on news stand sales in USA as well, or is  
> this a  
> > prejudice ('financial reasons') against Canadians only.  
>  
> There was no August QST at either Barnes & Noble or Border's  
> here in Hyannis, MA., nor is there a Sept. issue...  
>  
> Paul KB1GEJ

>  
>

-----  
Date: Fri, 13 Sep 2002 09:26:41 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: pepperb@gov.on.ca  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [134884] Re: QST on news stands  
Message-ID: <3D81E791.C5E226B4@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Brian,

I think that it is unfair, both to stop news stand distribution and also to comment on it. News stand distribution requires more than a desire on the part of the ARRL to have the magazine appear there. It also requires a distributor who is willing to place the issues and deal with returns! News stand distributors depend on volume to select the magazines they handle. Amateur radio is not a high volume hobby! Do they also handle CQ, or 73? Nothing is free, and the cost may be too high for any Canadian distributor to take on. Why don't you just subscribe!

73

-----  
Date: Fri, 13 Sep 2002 13:30:36 +0000  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Cc: w8diz@fpqrp.com  
Subject: [134885] Re: HF Pin Diodes aka Current Resistors  
Message-ID: <F125xINeeLFXZ2sLMQ400000fe8@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

From: w8diz (w8diz@fpqrp.com) asks:

>Hi Gang,

>I'm looking for a substitute for the 1N5767 PIN Diode.  
>I use this diode to switch very low level HF RF signals



>as well as switching moderate level signals at +10 dBm.  
>It must have a LOW OFF MODE capacitance < 0.5pF at 0V  
>And it must not distort signals in the +10 dBm class.

>I think I \_"might"\_ have found a substitute, the MPN3700,  
>but I can't find a spec sheet on it to verify.

>Any help out there?

Diz,

The datasheet fer that part is at:

<http://www.onsemi.com/pub/Collateral/MMBV3700LT1-D.PDF>

Regards,

Brad KG6IOE

>72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ

-----  
Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

-----  
Date: Fri, 13 Sep 2002 09:32:20 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: brian@iquest.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [134886] Re: QST on news stands  
Message-ID: <3D81E8E4.F8C2EB77@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

You know, if you all subscribed you wouldn't have any problems. Why must you first see the issue before you decide you want to add it to your pile! Ham radio is a large and diverse hobby. Reading a magazine like QST will expose you to more than just QRP stuff; you might learn something!

73

-----

Date: Fri, 13 Sep 2002 10:34:47 -0300  
From: Dave Marling <ve1vq@auracom.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134887] Re: QST on news stands  
Message-ID: <5.1.0.14.0.20020913102952.01b1be40@mail.auracom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:51 AM 13/09/2002 -0400, Brien Pepperdine wrote:

>Fellows!

>Has QST been halted on news stand sales in USA as well, or is this a  
>prejudice ('financial reasons') against Canadians only.

It seems to me that in the last end of the '60s, when I became licensed, that QST was not available on the newstands. The Halifax (NS) ADMIRAL appliance outlet had a parts counter where they also sold ham related parts. The manager (whose name I think was Ron) always managed to have a monthly supply of QST. Whether the regular news and magazine outlets didn't bother to bring them in or Ron had a "source" I don't remember.

Dave  
VE1VQ

-----  
Date: Fri, 13 Sep 2002 08:34:45 -0500  
From: "Jeff Davis" <ke9v@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134888] Re: QST on news stands  
Message-ID: <000f01c25b2a\$5382f2c0\$fc540c@81PGN11DELL>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have no idea if the ARRL halted the distribution, however, bookstores aren't required to carry every magazine published.

If it doesn't sell, they will yank it off the shelf. Assuming that there are already 170,000 ARRL members who get the magazine in the mail, how many more people do you suppose would buy it off the shelf? I have no idea if that would be enough to warrant the bookstore ordering more mags every month and then paying to ship the unsold copies back to the publisher because that is usually the way it works.

72 de Jeff

----- Original Message -----

From: "Brien Pepperdine" <pepperb@gov.on.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, September 13, 2002 7:51 AM  
Subject: QST on news stands

>  
> Fellows!  
> Has QST been halted on news stand sales in USA as well, or is this a  
> prejudice ('financial reasons') against Canadians only.  
>  
> If so, what do you think about THAT?!  
>  
> I am amazed, and disgusted.

-----  
Date: Fri, 13 Sep 2002 10:00:09 -0400  
From: "Paul Mills" <quahog@localnet.com>  
To: <QRP-L@lehigh.edu>  
Subject: [134889] Re: QST on news stands  
Message-ID: <001301c25b2d\$dfc6d140\$56509942@cybrinjn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Jeff Davis <ke9v@att.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Friday, September 13, 2002 9:34 AM  
Subject: Re: QST on news stands

> I have no idea if the ARRL halted the distribution, however,  
bookstores  
> aren't required to carry every magazine published.  
>  
> If it doesn't sell, they will yank it off the shelf. Assuming  
that there are  
> already 170,000 ARRL members who get the magazine in the mail,  
how many more  
> people do you suppose would buy it off the shelf? I have no

idea if that  
> would be enough to warrant the bookstore ordering more mags  
every month and  
> then paying to ship the unsold copies back to the publisher  
because that is  
> usually the way it works.  
>  
> 72 de Jeff

I can understand that a mom-and-pop operation might not want to carry such a specialty mag, but places like B&N and Borders carry a wide assortment of wierd and wonderful publications, including foreign magazines. Here they never carried more than a dozen copies of QST and an equal number of CQ, which, by the way, is still being sold. There is some demand here because of the number of hams who are not ARRL members, myself included. My local club, FARA, just proudly announced that the ARRL/FARA membership ratio just passed 50%! I certainly hope that this is just a glitch in the distribution channels...

Paul KB1GEJ

-----  
Date: Fri, 13 Sep 2002 09:53:21 -0400  
From: "Winston F. Jones" <winjones@ix.netcom.com>  
To: <quahog@localnet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134890] Re: QST on news stands  
Message-ID: <002a01c25b2c\$ed837820\$8327c043@winston>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I notice that the September QST is not on the shelves at the local Borders in Douglasville, Georgia. They used to have it.  
73, Winston K4CWQ

----- Original Message -----  
From: "Paul Mills" <quahog@localnet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, September 13, 2002 9:12 AM  
Subject: Re: QST on news stands

>

> ----- Original Message -----  
> From: Brien Pepperdine <pepperb@gov.on.ca>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Sent: Friday, September 13, 2002 8:51 AM  
> Subject: QST on news stands  
>  
>  
> >  
> > Fellows!  
> > Has QST been halted on news stand sales in USA as well, or is  
> this a  
> > prejudice ('financial reasons') against Canadians only.  
>  
> There was no August QST at either Barnes & Noble or Border's  
> here in Hyannis, MA., nor is there a Sept. issue...  
>  
> Paul KB1GEJ  
>

-----  
Date: Fri, 13 Sep 2002 08:56:42 -0500  
From: "Tim, N9PUZ" <n9puz@arrl.net>  
To: <brian@iquest.net>,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [134891] Re: QST on news stands  
Message-ID: <200209131355.IAA01812@gallium.eosinc.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

On Fri, 13 Sep 2002 09:20:58 -0400, brian wrote:  
>Well before we all freak out and start a bitchfest...has anyone  
>bothered to ASK ARRL about this?

What, and risk ruining the fun by acting like adults? :-) =  
Good idea Brian.

Tim, N9PUZ  
<http://www.qsl.net/n9puz>

-----  
Date: Fri, 13 Sep 2002 09:00:55 -0700  
From: "=?iso-8859-1?B?TthCUw==?" <n0bs@msn.com>  
To: <qrp-1@lehigh.edu>

Subject: [134892] Antenna radiation patterns  
Message-ID: <NFBBKGFGLNKCKOKBBOCEEGLCPAA.n0bs@msn.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dan Wanchic wrote:

<<

I just wanted to add my dittos to Alex's comments about mutual coupling between the antennas... having spent more than a few weeks aligning some antenna arrays, when the antennas start talking to each other - the pattern can go south quickly .... all kinds of unwanted nulls and peaks occur that are not accounted for in your calculations... believe me, I've seen it happen more than once & have measured the effect.

>>

I have no reason to dispute these comments, however, I have noticed over the years many hams speaking with great confidence and authority about the radiation patterns of their antennas, be they commercial or homebrew. They seem to have in depth knowledge about where the peaks and nulls are in the pattern, and the angle of radiation. I believe that Dan actually has access to equipment that allows him to make these measurements, however, I don't believe this to be the norm for the "average" ham!

So, how is the average ham with no antenna test range and sophisticated test equipment to go about validating the performance of his homebrew antenna project? Just listening and judging by signal reports received on the air seems to me to be almost totally subjective. Using simple field strength meters may provide some insight, however, how meaningful they are is quite questionable. How do you get readings at the same distance afield and at enough elevations to measure the vertical pattern for instance? Over time and different band conditions, one might conclude that you don't get out in a certain direction very well, but if you then make a change, it could take another X weeks or months to determine whether the change had any real effect.

Are there simple and measurements and techniques that the average guy can perform to really get meaningful data, or is all this talk just broad conjecture? By the way, I'm talking primarily about non-rotatable HF antennas here.

Tom Moll N0BS

-----

Date: Fri, 13 Sep 2002 10:05:40 -0400  
From: Jleroy@automationdirect.com  
To: qrp-l@lehigh.edu  
Subject: [134893] RE: 40 mtr ant  
Message-ID: <CA45D4785D15D411B3B20060971D9571013E7E41@srv-mail01.automationdirect.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Joel,

I am going to try a pair of back-to-back Super Slopers ("More Wire Antenna Classics" from ARRL). I've been looking for a cheap and easy way to null the broadcasters for a long time. Drove down to Home Depot this week for wire and parts and I'm planning to put one up this weekend and try it. The super slopers are supposed to have about 5dbi gain and a decent pattern. They are actually a sloper with a parasitic element in front. May be worth a look for you. Anybody else tried these?

72,

John W4JKL

-----  
Date: Fri, 13 Sep 2002 10:09:02 -0400  
From: "Jason Hissong" <jhissong1@columbus.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134894] QRPp-I Shop  
Message-ID: <018901c25b2f\$1debfa30\$6e01a8c0@procyon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi guys,

I am sure that this has been brought up before.... any news on Brice's online shop? It has been unavailable for a while... hope everything is ok Brice!

With my new soldering station... there are some kits he has that I want to pick up... (any excuse to use the new station and my panavise!!)

72,73

Jason Hissong - N8XE

<http://www.qsl.net/n8xe>

K2# 1270

FISTS #6338  
FPQRP #443  
ARLHS #661

-----  
Date: Fri, 13 Sep 2002 14:12:29 -0000  
From: tf3vst@vortex.is (Villi Idunni)  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134895] RE: QST on news stands  
Message-ID: <MABBIDG00GFJFPNLPCNDIEEBDKAA.tf3vst@vortex.is>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

QST has not been available in TF-land for some time on newsstands, and it  
always used to sell out.

OM Green does not distribute 73 thru such canals.

I think that it is impossible to buy a subscription to QST, one has to  
become an ARRL member in order to get it in mail, if I understand it  
correctly.

72, de Villi TF3VS

>they also handle CQ, or 73? Nothing is free, and the cost may be too  
>high for any Canadian distributor to take on. Why don't you just  
>subscribe!

-----  
Date: Fri, 13 Sep 2002 09:18:50 -0500  
From: <jfox6@houston.rr.com>  
To: "QRP" <qrp-l@lehigh.edu>  
Subject: [134896] FT-8900R  
Message-ID: <003701c25b30\$7bbdf680\$0100a8c0@houston.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Howdy,

I am curious about the Yaesu FT-8900R that is newly offered. Does  
anyone on this reflector have one of these? If so what do you think of it?



Seems for mobile, it would be nice, but wonder about the 29mhz FM and it overall worth.

73,

Foxy  
jfox6@houston.rr.com  
<http://www.qsl.net/w5hir>

-----  
Date: Fri, 13 Sep 2002 10:22:54 -0400 (EDT)  
From: Chris Cartwright <ccart@phideaux.com>  
To: QRPL List <qrp-l@lehigh.edu>  
Subject: [134897] Re: QST on news stands  
Message-ID: <Pine.LNX.4.33.0209131019540.30844-100000@dns.phideaux.com.>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just another datapoint, I haven't seen my subscription copy yet either.  
Another week or so and I'll get excited and contact Newington. Printing  
snafu maybe? Postal clampdown for 9/11? Who know, not worth getting  
wound up about :)

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Fri, 13 Sep 2002 10:28:33 -0400  
From: Hank Kohl K8DD <k8dd@arrl.net>  
To: tf3vst@vortex.is,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134898] RE: QST on news stands  
Message-ID: <5.1.0.14.2.20020913102629.0251bb48@mail.arenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 9/13/2002 02:12 PM +0000, Villi Idunni wrote:  
>QST has not been available in TF-land for some time on newsstands, and it  
>always used to sell out.  
>OM Green does not distribute 73 thru such canals.

>I think that it is impossible to buy a subscription to QST, one has to  
>become an ARRL member in order to get it in mail, if I understand it  
>correctly.  
>72, de Villi TF3VS

True, you have to become a member, but then QST is free .... Now that's a great deal!

72 / 73      Hank      K8DD

-----  
Date: Fri, 13 Sep 2002 08:43:02 -0600  
From: "Rod N0RC" <rod@n0rc.us>  
To: <rod@n0rc.us>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134899] Re: Ten-Tec's new Argonaut V?  
Message-ID: <00ac01c25b33\$dda47ec0\$6401a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks all for your responses. It looks like we'll have to wait a while longer before the Argonaut V hits the streets. When it does I hope those who receive one will post your reviews and impressions of the rig here on QRP-L.

I was sifting through the Tec-tec site looking for online manuals, didn't find anything. Did I miss them somewhere, or does Ten-tec not offer manuals on line? (Before buying my 746pro, I downloaded the manual from Icom's site. That was a great help making a buying decision.)

BTW: SDR; it's an acronym for Software Defined Radio.

73, Rod N0RC

----- Original Message -----  
From: "Rod N0RC" <rod@n0rc.us>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, September 12, 2002 11:13 AM  
Subject: Ten-Tec's new Argonaut V?

> Has anybody received one yet? The specs look pretty good, I'm curious  
> how

> it performs in the "real world". And, how is stacks up against other  
> rigs in side by side comparisons.  
>  
> 73, Rod N0RC  
>  
>  
>  
>

-----  
Date: Fri, 13 Sep 2002 10:49:12 -0400  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [134900] Dan's round trip time . . .  
Message-ID: <20020913.104926.-282571.1.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

For them what asked in some thread, I sent Dan (of Dan's Small Parts & Kits) an order on the 4th. I got the order back today, with a note that I'd sent too much. For which Dan sent me the extra I'd sent.

Which is to say that Dan is (a) still in business, (b) responsive & prompt, (c) a good guy and (d) all of the above.

Now to find the time to fiddle out all the stuff I sent for into a couple radios . . . and then use 'em on the air . . . which I don't do too much 'cause I'm always distracted by new ideas . . . or old ones . . . if I can remember the old ones . . .

"The old ones. Yes. They are still in my memory banks. Yes. The old ones"

A free out-of-date ARRL license manual to whoever tells me that quote's origin . . .

73

Nils

. . . "That was the equation! Survival cancels out programming!"

-----  
Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes

<http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull>  
"The island is closer than your memories are." -- Ian G. Bull Young, 15  
Feb 2002

-----  
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<http://dl.www.juno.com/get/web/>.

-----  
Date: Fri, 13 Sep 2002 09:10:51 -0600

From: "Rod N0RC" <rod@n0rc.us>

To: <rod@n0rc.us>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [134901] Re: sa612 surface mount?

Message-ID: <00ba01c25b37\$c071af40\$6401a8c0@greyrock>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Thanks all for your responses. For those interested for surface mount  
parts can be found at:

Allied, <http://www.alliedelec.com>

Allied has a \$25 dollar minimum order.

and

Dan's Small Parts, <http://www.fix.net/dans.html>

Dan is currently offering 602 surface mount devices.

602 vs. 612: There is little difference between 602s and 612s. The 602  
has slightly higher conversion gain 18db vs 14db. And the 602 has a  
tighter specs overall, nothing that matters much for our typical uses.  
Those interested can download data sheets from:

<http://www.semiconductors.philips.com/catalog/219/282/31114/31466/index.html#31466>

73, Rod N0RC

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.us>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, September 12, 2002 5:05 PM  
Subject: sa612 surface mount?

> Folks,  
>  
> Where can I purchase a few surface mount sa612s? Neither Mouser or  
> Digikey handle Philips devices. Most other places I've found such as  
> Arrow require large minimums (thousands at a time).  
>  
> 73, Rod N0RC  
>  
>  
>

-----  
Date: Fri, 13 Sep 2002 10:15:23 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: n0bs@msn.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [134902] Re: Antenna radiation patterns  
Message-ID: <3D82010B.CC4D772F@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Tom,

I believe that a lot of the confidence that you mention regarding antenna performance comes not from actual measurements but from effective modelling.

My take on this topic is that the only practical solution for Joe Ham is to become competent at using EZNEC, or a comparable program, and letting that become his antenna test range.

I understand that even QST will now allow advertisers to quote "gain" figures if they have been derived from programs of the calibre of EZNEC. For decades, QST would not allow any antenna gain data to be published.

A valid test range evaluation of an antenna is an expensive, time-consuming effort that requires knowledge of antennas, testing equipment and methods that far exceeds the capabilities of the average amateur today.

On the other hand, EZNEC is a very straightforward Windows program that is comparatively easy to learn and use, and the results are usually much closer to "truth" than what most of us could obtain from any sort of "field strength" measurements.

I have used every version of Roy's program(s) since the very first release, and the various versions have been invaluable in enabling me to understand what my antennas are doing and to some extent why.

Yes, there are other modelling programs out there and this is a bald-faced recommendation for EZNEC. While I have no financial interest in Roy's program, I have every confidence in its capabilities and enormous regard for the author. A demo version of EZNEC is available for free downloading. Go to

<http://eznec.com>

73/72, George

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

N BS wrote:

>

> Dan Wanchic wrote:

> <<

> I just wanted to add my dittos to Alex's comments about mutual coupling  
> between the antennas... having spent more than a few weeks aligning some  
> antenna arrays, when the antennas start talking to each other - the pattern  
> can go south quickly .... all kinds of unwanted nulls and peaks occur that  
> are not accounted for in your calculations... believe me, I've seen it  
> happen more than once & have measured the effect.

> >>

>

> I have no reason to dispute these comments, however, I have noticed  
> over the years many hams speaking with great confidence and authority  
> about the radiation patterns of their antennas, be they commercial or  
> homebrew. They seem to have in depth knowledge about where the peaks  
> and nulls are in the pattern, and the angle of radiation. I believe that  
> Dan actually has access to equipment that allows him to make these  
> measurements, however, I don't believe this to be the norm for the  
> "average" ham!

>

> So, how is the average ham with no antenna test range and sophisticated  
> test equipment to go about validating the performance of his homebrew  
> antenna project? Just listening and judging by signal reports  
> received on the air seems to me to be almost totally subjective. Using  
> simple field strength meters may provide some insight, however, how  
> meaningful they are is quite questionable. How do you get readings at  
> the same distance afield and at enough elevations to measure the  
> vertical pattern for instance? Over time and different band conditions,  
> one might conclude that you don't get out in a certain direction very  
> well, but if you then make a change, it could take another X weeks or months  
> to determine whether the change had any real effect.  
>  
> Are there simple and measurements and techniques that the average guy can  
> perform to really get meaningful data, or is all this talk just broad  
> conjecture? By the way, I'm talking primarily about non-rotatable HF  
> antennas here.  
> Tom Moll N0BS

-----  
Date: Fri, 13 Sep 2002 11:23:21 -0400  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [134903] Re: QST on news stands  
Message-ID: <3D8202E9.4726458E@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Apparently my membership renewal arrived after they generated the labels  
for September & October issues. They promised me a couple of weeks ago  
that they would send the September and October issues with separate  
mailings. I guess someone is walking it all the way down here to SC from  
CT. :)

73,  
--Alex (KR1ST)

Chris Cartwright wrote:

>  
>  
> Just another datapoint, I haven't seen my subscription copy yet either.  
> Another week or so and I'll get excited and contact Newington. Printing  
> snafu maybe? Postal clampdown for 9/11? Who know, not worth getting  
> wound up about :)  
>  
> -- Chris Cartwright, Unix Administrator | ccart@phideaux.com --

> -- N3XRV       ARRL-VE   Norcal Zombie #163   |   Oxford, PA 19363 FM29as   --  
> -- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Fri, 13 Sep 2002 11:22:18 -0400  
From: "brian" <brian@iquest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134904] Re: QST on news stands  
Message-ID: <006201c25b39\$5bc202a0\$3d05080a@BM17711>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You can look at it like this....

Subscribe to QST and get a free membership in the ARRL.

or

Join the ARRL and get a free subscription to QST.

----- Original Message -----

From: "Villi Idunni" <tf3vst@vortex.is>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, September 13, 2002 10:12 AM  
Subject: RE: QST on news stands

> QST has not been available in TF-land for some time on newsstands, and it  
> always used to sell out.  
> OM Green does not distribute 73 thru such canals.  
> I think that it is impossible to buy a subscription to QST, one has to  
> become an ARRL member in order to get it in mail, if I understand it  
> correctly.  
> 72, de Villi TF3VS  
>  
>  
> >they also handle CQ, or 73? Nothing is free, and the cost may be too  
> >high for any Canadian distributor to take on. Why don't you just  
> >subscribe!  
>  
>  
>



-----  
Date: Fri, 13 Sep 2002 11:21:00 -0400  
From: "Russ Hines" <wb8zcc@one.net>  
To: <n0bs@msn.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134905] Re: Antenna radiation patterns  
Message-ID: <005b01c25b39\$2aa90a60\$4307c00a@wb8zcc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

Tom, I wouldn't dismiss such relative information gathering too quickly. For many, the station receiver is likely the best piece of test equipment available. And as you mention, over time one can learn a lot about a particular antenna's performance. Often we must substitute time and patience, or anecdotal methods for the sophisticated equipment we lack. And in the end, high precision doesn't directly translate to more stations worked.

Most hams can also quite easily homebrew a field strength meter from a length of wire (a whip), diode and a microammeter, and make relative near-field measurements of their antennas, which can be quite useful.

Thanks for the interesting post.

73,  
Russ Hines  
WB8ZCC

----- Original Message -----  
From: "N BS" <n0bs@msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, September 13, 2002 12:00 PM  
Subject: Antenna radiation patterns

> Dan Wanchic wrote:  
> <<  
> I just wanted to add my dittos to Alex's comments about mutual coupling  
> between the antennas... having spent more than a few weeks aligning some  
> antenna arrays, when the antennas start talking to each other - the  
pattern  
> can go south quickly .... all kinds of unwanted nulls and peaks occur that  
> are not accounted for in your calculations... believe me, I've seen it

> happen more than once & have measured the effect.  
> >>  
>  
> I have no reason to dispute these comments, however, I have noticed  
> over the years many hams speaking with great confidence and authority  
> about the radiation patterns of their antennas, be they commercial or  
> homebrew. They seem to have in depth knowledge about where the peaks  
> and nulls are in the pattern, and the angle of radiation. I believe that  
> Dan actually has access to equipment that allows him to make these  
> measurements, however, I don't believe this to be the norm for the  
> "average" ham!  
>  
> So, how is the average ham with no antenna test range and sophisticated  
> test equipment to go about validating the performance of his homebrew  
> antenna project? Just listening and judging by signal reports  
> received on the air seems to me to be almost totally subjective. Using  
> simple field strength meters may provide some insight, however, how  
> meaningful they are is quite questionable. How do you get readings at  
> the same distance afield and at enough elevations to measure the  
> vertical pattern for instance? Over time and different band conditions,  
> one might conclude that you don't get out in a certain direction very  
> well, but if you then make a change, it could take another X weeks or  
months  
> to determine whether the change had any real effect.  
>  
> Are there simple and measurements and techniques that the average guy can  
> perform to really get meaningful data, or is all this talk just broad  
> conjecture? By the way, I'm talking primarily about non-rotatable HF  
> antennas here.  
> Tom Moll N0BS  
>  
>  
>  
>

-----  
Date: Fri, 13 Sep 2002 09:18:36 -0600  
From: "nr5a" <nr5a@hills.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134906] Logger  
Message-ID: <00c701c25b38\$e79764b0\$4bbca8d0@jerry>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Before my computer died on me and the usual story I lost everything I was using a logging program called Logger. Of course I'll be darn if I can find it now. Seems like it had something to do with PSK 31 too, but I can't find it for the life of me.

Anybody got any idea of the program I'm looking for?

Or would someone like to suggest maybe a better program?

And now melt solder on my K2 kit.

Jerry - NR5A

-----  
Date: Fri, 13 Sep 2002 11:19:33 -0400  
From: "brian" <brian@iquest.net>  
To: <ke9v@att.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134907] Re: QST on news stands  
Message-ID: <003c01c25b38\$f68bf9e0\$3d05080a@BM17711>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Southside News in Indy tells me they get 5 copies a month, and they have 2 copies on the shelf right now. It's not a terribly popular magazine for them but they usually sell the 5 copies. They get it from a magazine distributing company called Koch News.

----- Original Message -----

From: "Jeff Davis" <ke9v@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, September 13, 2002 9:34 AM  
Subject: Re: QST on news stands

> I have no idea if the ARRL halted the distribution, however, bookstores  
> aren't required to carry every magazine published.  
>  
> If it doesn't sell, they will yank it off the shelf. Assuming that there  
are

> already 170,000 ARRL members who get the magazine in the mail, how many more  
> people do you suppose would buy it off the shelf? I have no idea if that  
> would be enough to warrant the bookstore ordering more mags every month and  
> then paying to ship the unsold copies back to the publisher because that is  
> usually the way it works.  
>  
> 72 de Jeff  
>  
>  
> ----- Original Message -----  
> From: "Brien Pepperdine" <pepperb@gov.on.ca>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Friday, September 13, 2002 7:51 AM  
> Subject: QST on news stands  
>  
>  
> >  
> > Fellows!  
> > Has QST been halted on news stand sales in USA as well, or is this a  
> > prejudice ('financial reasons') against Canadians only.  
> >  
> > If so, what do you think about THAT?!  
> >  
> > I am amazed, and disgusted.  
>  
>

-----  
Date: Fri, 13 Sep 2002 08:45:03 -0700  
From: George Fremin III - K5TR <geoiiii@kkn.net>  
To: =?iso-8859-1?Q?N=D8BS?= <n0bs@msn.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [134908] Re: Antenna radiation patterns  
Message-ID: <20020913154503.GC2249@loja.kkn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Disposition: inline  
Content-Transfer-Encoding: quoted-printable

On Fri, Sep 13, 2002 at 09:00:55AM -0700, N=D8BS wrote:

>=20

> So, how is the average ham with no antenna test range and sophisticated  
> test equipment to go about validating the performance of his homebrew

> antenna project? Just listening and judging by signal reports  
> received on the air seems to me to be almost totally subjective.

It is very subjective.=20

It seems to me the main goal for most of us is to find  
a better antenna than the one we currently using.

One thing you can do is to keep some sort of reference antenna up=20  
in the air that does not change as you test new antennas.=20  
Even if you do this - it usually does take weeks of operating  
to get a clue about a given antenna system.

As has been pointed out I think that modeling your antenna can be=20  
a very useful tool in trying to predict performance and these=20  
modeling tools have gotten very good. But, the real world is a=20  
complex place and most of these programs have their limits  
and you need to understand that unless you live on a very large=20  
flat plane you will still not get the full picture of how  
a given antenna might perform. There are several programs  
that you can use to model the effects of terrain but at the=20  
moment they are very limited in that they can only give you=20  
information about a very small slice of the very complex  
3D world of our antennas.

Over the years I have operated many thousands of hours from=20  
a number of different stations around Texas. These stations  
have had different antenna setups and very different local=20  
terrain but I have managed to gain a wealth of information=20  
as to what antenna heights and kinds will perform from=20  
Texas to other parts of the world. I think this knowledge=20  
combined with software modeling tools made it possible for me  
to design my current (and future) antenna setup. =20

In other words I think I am now able to make some very good  
educated guesses as to what antennas will work better=20  
and at what heights for a given target.=20

--=20

George Fremin III - K5TR  
geoiiii@kkn.net  
<http://www.kkn.net/~k5tr>

-----

Date: Fri, 13 Sep 2002 11:52:47 -0400  
From: "Walt Amos" <k8cv@netzero.net>  
To: "Posts Qrp-L" <qrp-l@lehigh.edu>  
Subject: [134909] OT: Qst  
Message-ID: <002f01c25b3d\$9c3cd400\$bb58f4d1@WALTK8CV>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I can't imagine life without QST :-)

-----  
Introducing NetZero Long Distance  
Unlimited Long Distance only \$29.95/ month!  
Sign Up Today! [www.netzerolongdistance.com](http://www.netzerolongdistance.com)  
-----

Date: Fri, 13 Sep 2002 10:52:54 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: wb8zcc@one.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [134910] Re: Antenna radiation patterns  
Message-ID: <3D8209D6.A8A01D1A@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The problem faced by all of us attempting to make "field strength" measurements, despite the simplicity of the equipemnt as Russ points out, is in interpreting the results. The principal issue is simple:

"What is/are the source/sources for the radiation I am measuring?"

Is the radiation from the station equipment? The feedline? The antenna? Other antennas nearby which cannot be "turned off?" Any or all of the above?

I have found that a field-strength meter sitting in the shack provides a good overall check for the consistency of performance of an antenna. It should show about the same reading each time for that antenna and power, etc.

But, for determining actual patterns, it can be a huge exercise in futility to walk around with a FS meter trying to plot points that can be related to the antenna.

Russ is right on the mark with his comment that the station receiver, even with its highly relative S-meter readings, is probably the best antenna pattern and performance measuring instrument that most of us have. I have five different antenna systems here and each of them is capable of 80-10 operation. Sometimes all five provide the same S meter reading for a station and other times, one antenna may show 4-6 S units advantage over others.

I opt for having as many different types of antennas as you can manage and investment in a good heavy duty coax switch! After a few months of operation, you will begin to see a general pattern of which antenna does best on what band in what direction at what time of day, etc.

Just don't forget to lubricate the switch bearings occasionally! <:}

73/72, George

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Russ Hines wrote:

>  
> Tom, I wouldn't dismiss such relative information gathering too quickly.  
> For many, the station receiver is likely the best piece of test equipment  
> available. And as you mention, over time one can learn a lot about a  
> particular antenna's performance. Often we must substitute time and  
> patience, or anecdotal methods for the sophisticated equipment we lack. And  
> in the end, high precision doesn't directly translate to more stations  
> worked.  
>  
> Most hams can also quite easily homebrew a field strength meter from a  
> length of wire (a whip), diode and a microammeter, and make relative  
> near-field measurements of their antennas, which can be quite useful.  
>  
> Thanks for the interesting post.

-----  
Date: Fri, 13 Sep 2002 09:52:16 -0600

From: "Rod N0RC" <rod@n0rc.us>

To: <nr5a@hills.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [134911] Re: Logger

Message-ID: <001b01c25b3d\$8b4039d0\$6401a8c0@greyrock>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

<http://www.qsl.net/kc4elo/>

by way of search keyword "logger" in goggle.

73, Rod N0RC

----- Original Message -----

From: "nr5a" <nr5a@hills.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, September 13, 2002 9:18 AM

Subject: Logger

>  
>  
> Before my computer died on me and the usual story I lost everything I  
was  
> using a logging program called Logger. Of course I'll be darn if I can  
find  
> it now. Seems like it had something to do with PSK 31 too, but I can't  
find  
> it for the life of me.  
>  
> Anybody got any idea of the program I'm looking for?  
>  
> Or would someone like to suggest maybe a better program?  
>  
> And now melt solder on my K2 kit.  
>  
> Jerry - NR5A  
>  
>

-----  
Date: Fri, 13 Sep 2002 11:57:41 -0400  
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [134912] Ten Tec preference  
Message-ID: <6579C6377F475547985F0B3E426E16260204DDCA@OCCLUST01EVS1.ugd.att.com>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;



charset="Windows-1252"  
Content-Transfer-Encoding: quoted-printable

HI

I think in my case of preference of Ten Tec over other gear is hard to =  
explain. In=20  
fact I don't think I can. I just like their rigs. As in all equipment I =  
don't think  
one rig is the end all for me. I have the FT817, I use it, I like it, I =  
have a TT=20  
scout, I use it, I like it. I don't think I would get rid of either yet. =  
I am=20  
considering the new TT, I am considering a used K2, I haven't decided =  
yet.=20  
I think down deep I like the TT receivers, however I haven't heard the =  
newer ones  
that have come out recently, sure wish I could afford to have one of =  
each.=20

Marty Hartwell kd8bj  
AT&T Columbus Ohio  
PH:614-501-2503

-----  
Date: Fri, 13 Sep 2002 11:54:04 -0400  
From: "JB Crafts" <jbcraft@adelphia.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [134913] Re: QST on news stands  
Message-ID: <001e01c25b3d\$c9cec860\$25d73218@lbrtoh.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I was always under the impression that "QST" is the ARRL club newsletter!

I guess that if you really want QST, then you might JOIN the ARRL or wait  
for "hand-me-downs".

Bob -- K8YS

-----  
Date: Fri, 13 Sep 2002 12:21:25 -0400  
From: "Paul Christensen" <w9ac@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134914] Elecraft K1 VFO Instability  
Message-ID: <009d01c25b41\$9b4530c0\$6601a8c0@se1.client2.attbi.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Has anyone else noticed a bit of mechanical VFO instability with their Elecraft K1s? Specifically, the instability appears to be a function of the placement of the K2 near other steel metal objects and also occurs with slight flexing of the case near the VFO components.

Last night, I localized the source: The problem is rooted to the placement of the two polystyrene VFO capacitors. Unfortunately, the two capacitors are located \*under\* the PC board and are located within a millimeter of the steel case. And thus, any slight flexing of the case or adjacent placement to a highly ferrous metal, exhibits very noticeable VFO instability. I did note that both caps are properly seated firmly against the PC board. Of all the K1 components NOT to locate adjacent to the steel case....its is precisely these two capacitors. I am in absolute bewilderment why this was chosen.

If reasonably accomplished, my next steps will involve transferring the two polystyrene VFO caps to the top of the board, well away from anything that moves. I haven't had an opportunity to re-review the K1 schematic, but if one lead of one of the caps goes to ground, its possible to orient or "polarize" the polystyrene cap such that the outer aluminum foil is attached to the grounded lead. This would help, but I suspect that the leads from both caps float above ground in this circuit.

-Paul, W9AC

-----  
Date: Fri, 13 Sep 2002 09:24:00 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [134915] Re: QST on news stands  
Message-ID: <20020913162400.GB4529@bob.n7xy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Fri, Sep 13, 2002 at 09:12:07AM -0400, Paul Mills wrote:

>  
> ----- Original Message -----  
> From: Brien Pepperdine <pepperb@gov.on.ca>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Sent: Friday, September 13, 2002 8:51 AM  
> Subject: QST on news stands  
>  
>  
> >  
> > Fellows!  
> > Has QST been halted on news stand sales in USA as well, or is  
> this a  
> > prejudice ('financial reasons') against Canadians only.  
>  
> There was no August QST at either Barnes & Noble or Border's  
> here in Hyannis, MA., nor is there a Sept. issue...

The Barnes & Noble in Silverdale WA didn't have the last couple of CQ issues either. I wonder if the bookstores are behind this conspiracy.

Bob, N7XY

-----  
Date: Fri, 13 Sep 2002 17:25:54 +0100  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: "Low Power" <qrp-l@lehigh.edu>  
Subject: [134916] A \*REAL\* diode?  
Message-ID: <DAV29pCx1ICSsiWdBds00000630@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Whilst out for a walk this afternoon, I passed a gemnological shop on the Hastings sea front, and experienced an inexplicable craving for a piece of galena, the 'active ingredient' in the old crystal sets that have been discussed recently on QRP-L. The old lady in the aforesaid emporium had obviously never heard of the stuff, or lead sulphide, which is it's official name, so I proceeded onwards to another outlet for such items, in Hastings Old Town, where they were sure that they had some, but couldn't remember

where they had put it. After about 20 minutes of searching, a cardboard box materialised with some lumps of hard grey shiny stuff in it. A small piece was purchased for 50p, and it is now awaiting transmogrification into a working diode.

On the way home with my trophy I thought of Lilienfeld's invention of the FET, long before Bell Labs came up with the transistor, and wondered whether an amplifying device could be made from galena, with two contacts. Put more than one device on the same piece of galena and one would have a very primitive integrated circuit, and could conceivably turn the thing into a very simple top-band transceiver. It would probably look something like a small hedgehog. 8-)

Anyone got a recipe for Wood's metal?

73, Leon

--

Leon Heller, G1HSM

leon\_heller@hotmail.com

[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----

Date: Fri, 13 Sep 2002 12:48:36 -0400

From: Tom Feeny <tfeeny@comcast.net>

To: \*QRP-L <qrp-l@lehigh.edu>

Subject: [134917] Re: QST on news stands

Message-ID: <001e01c25b45\$69c9d060\$865d2044@waldlk01.mi.comcast.net>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

I'm a life member so I get QST free 'til I croak.

Then my xyl still gets it 'cuz she's a life member too.

Tom, W8K0X

> You can look at it like this....

> Subscribe to QST and get a free membership in the ARRL.

> or

> Join the ARRL and get a free subscription to QST.

-----

Date: Fri, 13 Sep 2002 12:55:26 -0400  
From: "ss lyon" <sslyon@megalink.net>  
To: <w5yr@att.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134918] Antenna patterns and imagination  
Message-ID: <007701c25b46\$5c3f8420\$aac7e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Right on, George, and to maybe help connect the dots to Dan's comments I'd suggest a little "visioning" exercise:  
Fix (in your minds eye) one set of conditions for a simple dipole: a.) ant. ht., b.) "weather", (earth, solar flux) c.) time of day. We'll try to take the 3-D EZNEC picture of the near field pattern out to the global coverage pattern using ray-tracing techniques. (ignore near field influences for now) Take just the tiny, 10 deg. central cone of max. radiated energy and visualize it's path and coverage fan-out via one single hop F-layer path; now a two hop path. Fix that last picture of an RF-painted landscape in your mind. Now, diddle just one of the condition sets (antenna ht., for instance) and visualize the path changes, and footprint changes. That's an awesome image... maybe make a nice poster?

OK, now step thru the ht. series you just did for the two-hop path and for each step, vary one other condition set, say... F-layer altitude. Beads of perspiration beginning... but do-able, ja? -maybe make a full length animation to do this one justice. What's remarkable is how small the steps can be that make huge differences in the footprint. Now... this is where I begin to fuzz out because Fresnel and his multi-path interference fringes come in and splash those pretty, moving patterns all over the landscape. (did someone mention QSB?)

We haven't even considered back home influences like variations in array phasing or near field environment yet... and I don't know about you, but I'm thinking of a foamy in the hammock. Thanks Roy, George and Dan... I'll keep a cold one ready for you.

73  
AA1MY

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel ME, 04217 U.S.A.  
207-836-2576

Virus Protection by Norton and ZoneAlarm  
----- Original Message -----  
From: "George, W5YR" <w5yr@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, September 13, 2002 11:15 AM  
Subject: Re: Antenna radiation patterns

,  
>  
> I believe that a lot of the confidence that you mention regarding antenna  
> performance comes not from actual measurements but from effective  
> modelling.

-----  
Date: Fri, 13 Sep 2002 12:02:51 -0500  
From: "KD5NWA" <KD5NWA@mbayona.com>  
To: <qrp-l@lehigh.edu>,  
"Tentec@Contesting. Com" <tentec@contesting.com>  
Subject: [134919] Sad Day  
Message-ID: <NGBBJPBAOLKEABLLGGKBCEOACDAA.KD5NWA@MBayona.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My wonderful Corsair has gone amuck, the frequency display is changing all over the place and is totally on the wrong band. I guess it's time to pack it and send it to Ten-Tec, it could have happened at a worst time, I'm in the process of moving to a house in the country, and I will be spending money like crazy buying new furniture, and finally I'll have a decent antenna, but alas no radio for a while. Just as well, I need to upgrade my license. The house sits on 30 acres with underground power, and 180, X 180' clearing around the house with very tall trees (> 60 feet) 360 degrees around the house. Let's see a couple of dipoles at different angles, one giant loop around the field, I guess I'm going to have plenty of stuff to do until my Corsair gets back.

Cecil  
KD5NWA

-----  
Date: Fri, 13 Sep 2002 09:59:56 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-l@lehigh.edu>  
Subject: [134920] QST Free? No, I don't think so.  
Message-ID: <037e01c25b46\$ff79b5c0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hank, if QST is "Free", then how come the cost of membership in ARRL keeps rising everytime postage and printing costs raise? You better believe that you are paying for QST. 72, Doug

-----  
Date: Fri, 13 Sep 2002 13:20:07 -0400  
From: "ss lyon" <sslyon@megalink.net>  
To: <leon\_heller@hotmail.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134921] Re: A \*REAL\* diode?  
Message-ID: <00a501c25b49\$cf181f40\$aac7e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Leon, what a co-inkydink - I did the same thing Tues. nite with a chunk of pyrite. (Fools Gold) Local rock shop had some beauties and I sank a flake into a blob of solder to mount it. A BeCu spring from a thermostat is now the whisker, and it's hearing CBC as we speak with 30' of wire and no tuner. I'll try a tungsten whisker when I find some. Mine looks like half of a grass hopper.

Problem with more sophisticated devices is mechanical stability. I remember back in the '50s (semiconductor plant) using aluminum "dots" fused to Si transistors into which we'd push a wire "c" point, which would then be spot welded to the T0-5 header. Is there a materials expert around here?

73

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel ME, 04217 U.S.A.  
207-836-2576

Virus Protection by Norton and ZoneAlarm  
----- Original Message -----  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, September 13, 2002 12:25 PM  
Subject: A \*REAL\* diode?

> Whilst out for a walk this afternoon, I passed a gemnological shop on the  
> Hastings sea front, and experienced an inexplicable craving for a piece of  
> galena, the 'active ingredient' in the old crystal sets that have been

> discussed recently on QRP-L. The old lady in the aforesaid emporium had  
> obviously never heard of the stuff, or lead sulphide, which is it's official  
> name, so I proceeded onwards to another outlet for such items, in Hastings  
> Old Town, where they were sure that they had some, but couldn't remember  
> where they had put it. After about 20 minutes of searching, a cardboard box  
> materialised with some lumps of hard grey shiny stuff in it. A small piece  
> was purchased for 50p, and it is now awaiting transmogrification into a  
> working diode.  
>  
> On the way home with my trophy I thought of Lilienfeld's invention of the  
> FET, long before Bell Labs came up with the transistor, and wondered whether  
> an amplifying device could be made from galena, with two contacts. Put more  
> than one device on the same piece of galena and one would have a very  
> primitive integrated circuit, and could conceivably turn the thing into a  
> very simple top-band transceiver. It would probably look something like a  
> small hedgehog. 8-)  
>  
> Anyone got a recipe for Wood's metal?  
>  
> 73, Leon  
> --  
> Leon Heller, G1HSM  
> leon\_heller@hotmail.com  
> [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Date: Fri, 13 Sep 2002 13:18:47 -0700  
From: "Dave Benson" <nn1g@earthlink.net>  
To: <qrp-l@lehigh.edu>  
Subject: [134922] KITS: Rock-mite status  
Message-ID: <006101c25b62\$c5306140\$5b57d03f@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

gang-

I've just added a link on my website main page to 'Rock-mite status'.  
There's now a table listing the multitudes of folks eagerly awaiting their  
40M kits.

The good news?- 7040 KHz crystals arrived in the US on Wednesday- it won't  
be long now!

/ thanks for the commercial bandwidth.



73- Dave

\*\*\*\*\*  
Dave Benson, K1SWL  
dave@smallwonderlabs.com  
http://smallwonderlabs.com  
\*\*\*\*\*

-----  
Date: Fri, 13 Sep 2002 10:32:26 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-l@lehigh.edu>  
Subject: [134923] Re: Elecraft K1 VFO Instability  
Message-ID: <038801c25b4b\$8acc12e0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Paul, my K1 case is made of aluminum. When did they switch to a steel case? I too, did not like putting the polystyrene caps underneath the board. Have not noticed any unusual unstability of the VFO, although it is not as stable as a Benson VFO in the SW+ series. 72, Doug

-----  
Date: Fri, 13 Sep 2002 13:47:47 -0400  
From: "ss lyon" <sslyon@megalink.net>  
To: <KD5NWA@mbayona.com>,  
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134924] Sad Day: time for....  
Message-ID: <00af01c25b4d\$ac2dfe60\$aac7e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

.....RRRROCK MITE!! (read at 180wpm)  
Hee Hee Yes my good friend now you too can stash your sorrow, slather your sadness and share in the thrill that brought you to hamdom way back when -and get results in just two hours!  
Just \$25 will bring you this kit of top quality parts and easy to read assembly directions... in YOUR choice of frequencies!  
BUT WAIT!!! that's not all! If you order within the next seven minutes you'll

get an internet picture splash on "ROD'S ROCKPILE" absolutely free!!  
WOW!!! -Just imagine the possibilities! Operators are standing by to take your  
call... DON'T WAIT!

(No pecuniary interest is expressed or implied. Void where fun is prohibited.  
This has been an unsolicited announcement by a satisfied customer only, who just  
got his 20 Mite in the mail )

-----  
Date: Fri, 13 Sep 2002 13:58:28 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: leon\_heller@hotmail.com,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134925] Re: A \*REAL\* diode?  
Message-ID: <5.0.2.1.0.20020913134449.00a01ec0@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Anyone got a recipe for Wood's metal?  
>  
>73, Leon  
>--  
>Leon Heller, G1HSM  
>leon\_heller@hotmail.com  
>[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

Leon.  
There are several  
varieties:                      Tin                      Lead                      Bismuth  
Cadmium..... quantities are in parts  
Wood's metal melts at 158  
F                      2                      4                      7                      1  
Lipowitz metal melts at  
150F                      4                      8                      15                      3

These are the most notable.  
A good source of Lipowitz metal is the Radiation Therapy Dept of a  
hospital. It is used for conformal shields  
to limit exposure to healthy tissue.  
I cut some rings out of brass .45 cal shell casings for the forms. Lots of fun!  
73  
Pete NV4V Ky

-----  
Date: Fri, 13 Sep 2002 18:02:15 +0000  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Cc: leon\_heller@hotmail.com  
Subject: [134926] Re: A \*REAL\* diode?  
Message-ID: <F71DPiZjuy0RhP2djy700001b08@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Leon Heller (leon\_heller@hotmail.com) asks:

>Anyone got a recipe for Wood's metal?

Leon,

Here is a receipt for Wood's metal from Lange's Handbook of Chemistry, 8th ed.

50% Bismuth  
25% Lead  
12.5% Tin  
12.5% Cadmium

Melting point approximately 70-72 degrees Centigrade.

Years ago I made some of this stuff in high school although I left out the Cd. Pretty amazing to see a metal alloy melt before water boils.

You might be able to find some of this stuff at a supply house that sells linkages for fire protective equipment like sprinkler heads and fire doors.

Regards,

Brad KG6IOE

-----  
Join the world s largest e-mail service with MSN Hotmail.  
<http://www.hotmail.com>

-----  
Date: Fri, 13 Sep 2002 14:05:28 -0400  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [134927] New Rock Mite enclosure idea?

Message-ID: <3D8228E8.9A89D6E7@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

A new meaning to lining your pockets:

<http://msnbc-cnet.com.com/2100-1033-957650.html>

Perhaps Levis can be persuaded to work on a ham version of these pants  
and put the same lining on all sides of the pocket.

73,  
--Alex (KR1ST)

<http://www.kr1st.com>

-----  
Date: Fri, 13 Sep 2002 14:22:55 -0400  
From: "Ken Newman" <n2cq@dandy.net>  
To: "W3BG" <W3BG@arrl.net>, "EPA-QRP Club" <EPA-QRP@yahoogroups.com>,  
"NJ-QRP Club" <NJQRP@njqrp.org>,  
Subject: [134928] [CONTEST] N2CQ QRP Contest Calendar Sep 14-30  
Message-ID: <002e01c25b52\$96244340\$569ffa42@18.95.182.twsh1.md.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

## N2CQ QRP CONTEST CALENDAR

September 14-30, 2002

~~~~~  
Worked All Europe DX Contest (SSB) 100W> Low Power Category  
Sep 14 - 0000z to Sep 15 - 2400z  
Rules: <http://www.darc.de/referate/dx/fedcw.htm>  
"THE most challenging DX contest in the world..."  
~~~~~

ARRL September VHF QSO Party (All) Low Power Category  
Sep 14 - 1800z to Sep 16 - 0300z  
Rules: <http://www.arrl.org/contests/rules/2002/VHFQSO.pdf>  
"Work the most Grids"  
~~~~~

Second Class Operator Club Marathon (CW) \*\*\* QRP Contest \*\*\*  
Sep 14 - 1800z to 2400z

Rules: <http://www.qsl.net/soc/020914.htm>  
"Left-foot keying not required for event"

~~~~~  
NA Sprint (SSB)... QRP Category  
Sep 15 - 0000z to 0400z  
Rules: <http://www.ncjweb.com/sprintrules.php>  
"Short, intense competitions that challenge the best"

~~~~~  
Tennessee QSO Party  
Sep 15 - 1800z to Sep 16 - 0100z  
Rules: <http://www.k4ro.net/tcg/tqp.html>  
"/QRP entries so listed"

~~~~~  
Scandinavian Activity Contest (CW) ... QRP Category  
Sep 21 - 1200z to Sep 22 - 1200z  
Rules: <http://www.sk3bg.se/contest/text/sacnsc.txt>  
"Work as many Scandinavian stations as possible"

~~~~~  
QRP Afield (All) \*\*\* QRP Contest \*\*\*  
Sep 21 - 1500z to Sep 22 - 0300z (Enter your best 6 hours)  
Rules: <http://www.qsl.net/wq1rp/qrpaf02r.htm>  
"Granddaddy' of the outdoor QRP events"

~~~~~  
Washington State Salmon Run (CW/SSB) ... QRP Category  
Sep 21 - 1600z to Sep 22 - 0700z  
Sep 22 - 1600z to Sep 22 - 2400z  
Rules: <http://www.wwdx.org/salmonrun/rules.htm>  
"Work WA stations. Plaques, Trophies, and Packages of Smoked Salmon"

~~~~~  
Fall QRP Homebrewer Sprint (CW/PSK31) \*\*\*QRP CONTEST\*\*\*  
Sep 23 - 0000z to 0400z (Sunday evening in US/Canada)  
Rules: <http://www.njqrp.org/data/qrp-homebrewersprint.html>  
"Prizes for the winner(s) and special certificates for all"

~~~~~  
CQWW RTTY DX Contest ... <150w Category  
Sep 28 - 0000z to Sep 29 - 2400z  
Rules: <http://www.rttyjournal.com/rules/cqww.html>  
"Big RTTY contest. LOTSA fun on QRP frequencies for CW (NOT!)"

~~~~~  
Tesla Cup ... QRP Category  
Sep 28 - 0000z to 2400z (SSB)  
Sep 29 - 0000z to 2400z (CW)  
Rules: <http://members.aol.com/k3bu/TeslaCup.htm>  
"Promote international good will, competition, sportsmanship, technical excellence & operating skills"

~~~~~  
Scandinavian Activity Contest (SSB) ... QRP Category  
Sep 28 - 1200z to Sep 29 - 1200z

Rules: <http://www.sk3bg.se/contest/text/sacnsc.txt>  
"Work as many Scandinavian stations as possible"

~~~~~  
Texas QSO Party (All) ... QRP Category  
Sep 28 - 1400z to Sep 29 - 0200z  
Sep 29 - 1400z to Sep 29 - 2000z  
Rules: <http://www.k5vuu.com/tqp/>  
"Contact as many different Texas counties as possible"

~~~~~  
Louisiana QSO Party (CW/PH) ... QRP Category  
Sep 28 - 1400z to Sep 29 - 0200z  
Sep 29 - 1400z to Sep 29 - 2000z  
Rules: <http://www.tchams.org/users/contest/laqp>  
"Work as many Louisiana stations as possible"

~~~~~  
Alabama QSO Party (CW/SSB) ... QRP Category  
Sept 28 - 1800z to 2400z  
Rules: <http://web.dbtech.net/~dxcc/rules1.htm>  
"Work Alabama Counties"

~~~~~  
Thanks to K3WWP, SM3CER, WA7BNM, ARRL and others  
for assistance in compiling this calendar.

Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de  
Ken Newman - N2CQ

N2CQ@ARRL.NET           <http://www.NJQRP.org>  
                          <http://www.N3EPA.org>  
                          <http://www.qsl.net/cqrp/contests.html>

-----  
Date: Fri, 13 Sep 2002 13:28:58 -0500  
From: "Jeff Mitchell" <[jeffmit@datastratinc.com](mailto:jeffmit@datastratinc.com)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [134929] Re: New Rock Mite enclosure idea?  
Message-ID: <004801c25b53\$6d3e2e40\$6501a8c0@datastratinc.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You could put a Rock Mite in there...then wire your zipper up as the key...just don't operate in public!

----- Original Message -----

From: "Alex" <kr1st@amsat.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, September 13, 2002 1:05 PM

Subject: New Rock Mite enclosure idea?

> A new meaning to lining your pockets:

>

> <http://msnbc-cnet.com.com/2100-1033-957650.html>

>

> Perhaps Levis can be persuaded to work on a ham version of these pants  
> and put the same lining on all sides of the pocket.

>

> 73,

> --Alex (KR1ST)

>

> <http://www.kr1st.com>

>

-----  
Date: Fri, 13 Sep 2002 14:28:38 -0400

From: "Paul Christensen" <w9ac@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [134930] Re: Elecraft K1 VFO Instability

Message-ID: <012701c25b53\$61401cc0\$6601a8c0@se1.client2.attbi.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Doug,

You're probably right in that the case panels are aluminum which would explain the sensitivity to nearby steel objects. Thanks for pointing this out!

Paul, W9AC

----- Original Message -----

From: "Doug Hendricks" <ki6ds@dph.dpol.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, September 13, 2002 1:32 PM

Subject: Re: Elecraft K1 VFO Instability

> Paul, my K1 case is made of aluminum. When did they switch to a steel case?  
> I too, did not like putting the polystyrene caps underneath the board. Have  
> not noticed any unusual instability of the VFO, although it is not as stable  
> as a Benson VFO in the SW+ series. 72, Doug  
>

-----  
Date: Fri, 13 Sep 2002 14:46:29 -0400  
From: Chuck Ludinsky <cjl@mitre.org>  
To: qrp-l@lehigh.edu, neqrp@jona1.net  
Subject: [134931] QRP Afield -- 21 September 02  
Message-ID: <3D823285.5638FBCA@mitre.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: quoted-printable

Greetings! Just one week to QRP Afield.

This is the event for everyone to get out and have fun! QRP Afield is the 'granddaddy' of the outdoor QRP events, so let's all get out and enjoy the great fall season. Pick your favorite mountain, seashore, park, ... wherever (even from home)...., but join in the fun!

Scoring is set up to encourage portable operation (after all, it is QRP Afield!), but all are welcome to participate. "Portable" means not using a fixed, permanent antenna or indoor, permanent station, and using batteries, solar, or other non-mains power.

Specifics for this year=92s contest are:

-----  
Date: Saturday, 21 September 2002  
-----

Time:

Best six hour contiguous period during 11:00 AM EDT to 11:00 PM EDT.  
You may work throughout the entire 12 hour period and select your best six hour period.

-----  
Exchange:

NE-QRP members: RST, State/province/country, NE-QRP Number  
Non members: RST, State/province/country, Power



-----  
Bands and Modes:

160M, 80M, 40M, 20M, 15M, 10M.

Any mode (CW, SSB, AM, PSK, etc.); all count the same.

Only one contact per station per mode per band.

Standard QRP frequencies are recommended within each band (or generally accepted frequencies for those modes for which there are no specific QRP frequencies). But, please, let's spread out a little -- not everyone within a kilohertz of 14.060.

-----  
Scoring:

1 point per QRO (above 5 watts) contact from a permanent location.

2 points per QRO contact from a field/mobile location.

5 points per QRP (5 watts or less) contact from a permanent location.

10 points per QRP contact from a field/mobile location.

All contacts must be made from single power/location category (i.e., the category is to remain the same once selected).

Plus: Count QSOs (once per band) with WQ1RP as THREE (3) contacts, subject to scoring above (e.g., a QRP field operator will score each legitimate WQ1RP contact as 30 points).

Final score will be the total number of contacts (including each WQ1RP contact counted as three) multiplied by the power/location category multiplied by the SPC multiplier (see below).

-----  
Multipliers:

Each S/P/C worked counts for one multiplier point and can be counted only ONCE PER BAND.

-----  
Submission of Results:

Email your scoresheet with a copy of the contest log (noting the six hour period that you select for scoring) and (please) any comments/photos concerning your setup, location, experiences, etc., no later than 15 October, to: K1CL@arrl.net

or mail your entry to:

Chuck Ludinsky, K1CL,  
6 Pracing Rd,  
Chelmsford, MA 01824-1922

-----  
Multi-Club Stations:

Will not be permitted; however, multi-operators per club is fine. That is, multi-op stations using a single callsign are allowed, but only one transmitted signal is allowed at a time. Also, it is not permissible to set up multiple stations using multiple callsigns at one location.

cut here

=3D=  
=3D=  
=3D=  
=3D

# QRP Afield 2002 - Summaries and Score Calculation

CALL:\_\_\_\_\_

NAME(s):\_\_\_\_\_

QTH:

-----

BAND	Number QSOs	Number SPCs
----	-----	-----
160M:	-----	-----
80M:	-----	-----
40M:	-----	-----
20M:	-----	-----

10M: \_\_\_\_\_

(C) PWR/LOCATION MULTIPLIER: \_\_\_\_\_

TOTAL SCORE =3D A x B x C =3D \_\_\_\_\_

[illegible]

Date: Fri, 13 Sep 2002 18:46:14 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: sslyon@megalink.net, qrp-l@lehigh.edu  
Subject: [134932] Re: A \*REAL\* diode?  
Message-ID: <F6hfEDWLxmuCB3zDzsJ0000898e@hotmail.com>  
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

>From: "ss lyon" <sslyon@megalink.net>  
>To: <leon\_heller@hotmail.com>,"Low Power Amateur Radio Discussion"  
><qrp-1@Lehigh.EDU>  
>Subject: Re: A \*REAL\* diode?  
>Date: Fri, 13 Sep 2002 13:20:07 -0400  
>  
>Hi Leon, what a co-inkydink - I did the same thing Tues. nite with a chunk  
>of  
>pyrite. (Fools Gold) Local rock shop had some beauties and I sank a flake  
>into a  
>blob of solder to mount it. A BeCu spring from a thermostat is now the  
>whisker,  
>and it's hearing CBC as we speak with 30' of wire and no tuner. I'll try a  
>tungsten whisker when I find some. Mine looks like half of a grass hopper.

They had some nice pieces of iron pyrite as well. I'll try the solder technique on a piece, but I'll get some of the proper fusible alloy as well. I'll try your thermostat idea for the spring. I vaguely remember that two pieces of the material work, if held together. Perhaps some 'forming' is needed, though, with a short current pulse.

>  
>Problem with more sophisticated devices is mechanical stability. I remember  
>back  
>in the '50s (semiconductor plant) using aluminum "dots" fused to Si  
>transistors  
>into which we'd push a wire "c" point, which would then be spot welded to  
>the  
>T0-5 header. Is there a materials expert around here?

Isn't that how Schottky diodes are made?

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon\_heller@hotmail.com

My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

My low-cost Altera Flex design kit: <http://www.leonheller.com>

---

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

-----  
Date: Fri, 13 Sep 2002 20:32:19 +0100  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: "Low Power" <qrp-l@lehigh.edu>  
Subject: [134933] Making a transistor from galena  
Message-ID: <DAV68d4gmSknvh7wFI100000818@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I thought my idea was a bit daft, but someone has done it according to this web page:

<http://www.amasci.com/amateur/transis.html>

They weren't very useful devices, but they seem to have had a bit of gain.

Who'll be the first to establish two-way communication with a lead sulphide radio? 8-)

73, Leon

--

Leon Heller, G1HSM  
leon\_heller@hotmail.com  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Date: Fri, 13 Sep 2002 12:36:12 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-l@lehigh.edu>  
Cc: <cjl@mitre.org>  
Subject: [134934] Re: QRP Afield -- 21 September 02  
Message-ID: <000b01c25b5c\$d424de20\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Chuck, I implore you to reconsider the rule that does not allow multiple stations to be set up at the same location using different call signs. I have operated many times in qrp field events with several guys, and we have set up three or four stations. It is a lot of fun. I don't understand the problem that it creates? Please reconsider in the name of fun. 72, Doug,

KI6DS

-----  
Date: Fri, 13 Sep 2002 15:51:02 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [134935] Re: QRP Afield -- 21 September 02  
Message-ID: <3D8241A6.FB9CCA7E@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I agree.

I would also like to see more than one transmitter on the air, but not the same bands, at the same time.

Multiple transmitters allows for more op time per person during these events. Which equals more fun for everyone!

Paul K4FB

Doug Hendricks wrote:

> Chuck, I implore you to reconsider the rule that does not allow multiple  
> stations to be set up at the same location using different call signs. I  
> have operated many times in qrp field events with several guys, and we have  
> set up three or four stations. It is a lot of fun. I don't understand the  
> problem that it creates? Please reconsider in the name of fun. 72, Doug,  
> KI6DS

-----  
Date: Fri, 13 Sep 2002 16:26:39 EDT  
From: IamSF5@aol.com  
To: qrp-L@lehigh.edu  
Subject: [134936] Could use a little help RE: SWR meters  
Message-ID: <158.1404f827.2ab3a3ff@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang,  
I swapped out a nice QRP rig for a Daiwa dual needle SWR/POWER meter. (MOD.CN-410-M

No paper work.

The problem is I have no i'dea how this meter is to be calibrated.

I can get the power needle to sit on zero but the SWR needle goes below the zero mark or at times is an inch up from zero.

On my older SWR./POWER meter with 1 needle I can calibrate the meter then switch to SWR and I have my reading.

Am I to assume that I set the adjustments to zero and forget it?

Also I notice when I rub my finger on the face plate the needle is all over the place and will come to a rest anywhere on the dial. Playing with the adjustments the best I can get is ZERO on the forward power and the SWR sitting appx 1/4 inch above the zero.

Any suggestion ??

Thanks in advance

Bob

AF2Q

-----  
Date: Fri, 13 Sep 2002 16:34:10 -0400  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [134937] VFO / 5W CW Kit  
Message-ID: <20020913.163415.-291617.0.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Just wondering if any body has tried the . . .

DATAK 80-1410 (KIT for 16 clam\$) VFO 6.9 to 7.2 MHz  
with instructions for 11k to 33 MHz mods  
to include 5 Watt XMTR schematic ??

John  
N3AAZ  
FM 19 xa

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Fri, 13 Sep 2002 15:34:05 -0500  
From: Dave Hottell <hottell@gulftel.com>

To: ki6ds@dph.dpol.net,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134938] Re: QRP Afield -- 21 September 02  
Message-ID: <3.0.6.32.20020913153405.00f06680@pop.gulftel.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Doug,

I agree with you. Lots more fun if you can get 2 or 3 guys together for the day. They just can't work each other. After all, this is totally the honor system. If they are going to cheat and get a few more Q's then printing that rule on a piece of paper isn't going to stop 'em.

73, Dave, AB9CA

At 12:36 PM 9/13/02 -0700, Doug Hendricks wrote:

>Chuck, I implore you to reconsider the rule that does not allow multiple  
>stations to be set up at the same location using different call signs. I  
>have operated many times in qrp field events with several guys, and we have  
>set up three or four stations. It is a lot of fun. I don't understand the  
>problem that it creates? Please reconsider in the name of fun. 72, Doug,  
>KI6DS  
>  
>

-----  
Date: Fri, 13 Sep 2002 16:33:56 -0400  
From: "carl seyresdahl" <carlseye@tampabay.rr.com>  
To: <IamSF5@aol.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134939] Re: Could use a little help RE: SWR meters  
Message-ID: <020001c25b64\$e26ac320\$d2af2341@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Among other things, you have static on the meter cover. rub/clean it with something like "bounce", used in the clothes dryer to prevent static in your clothes ..!!!!

carl / kz5ca

----- Original Message -----

From: <IamSF5@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>



Sent: Friday, September 13, 2002 4:26 PM  
Subject: Could use a little help RE: SWR meters

> Hi Gang,  
> I swapped out a nice QRP rig for a Daiwa dual needle SWR/POWER  
> meter.(MOD.CN-410-M  
> No paper work.  
> The problem is I have no i'dea how this meter is to be calibrated.  
> I can get the power needle to sit on zero but the SWR needle goes below  
the  
> zero mark or at times is an inch up from zero.  
> On my older SWR./POWER meter with 1 needle I can calibrate the meter then  
> switch to SWR and I have my reading.  
> Am I to assume that I set the adjustments to zero and forget it?  
> Also I notice when I rub my finger on the face plate the needle is all  
over  
> the place and will come to a rest anywhere on the dial. Playing with the  
> adjustments the best I can get is ZERO on the forward power and the SWR  
> sitting appx 1/4 inch above the zero.  
> Any suggestion ??  
> Thanks in advance  
> Bob  
> AF2Q

-----  
Date: Fri, 13 Sep 2002 16:33:59 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [134940] Why?  
Message-ID: <3D824BB7.26C995FF@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Why ooh why is there so much anti ARRL membership sentiment on this  
list? I find this really curious. Maybe it is an age related failure.

Way back when the earth was very young, a small Ohio farm boy got  
interested in this new fangled thing called radio. Radios were made  
from rocks back then (Leon Hellen, take note!).

He wanted to be a ham, because he had heard some hams on 40 metes

phone! He knew that was for him! He didn't have a local club to help him, and he most certainly didn't have a computer to depend on! He had the ARRL, and their publications and services to help him.

He persisted in his quest. Using the League's books, and copying their W1AW code practice sessions, he eventually passed his novice license. He did it by himself, except for the elmer who gave him the test!

This led to a life in electronics. A career as varied and interesting as any, and more that most. He has guided torpedoes, navigated by satellite, flown auto land aircraft, lived in Europe and also in Asia. There is very little more that he could have asked for, and most of it could be traced to the League!

In about 1975 he bought a life membership, because he didn't want to chance missing an issue of QST. For the life of me, I cannot understand why people get so up in arms over a \$39.00 membership fee, especially considering all it can get for you!

73

-----  
Date: Fri, 13 Sep 2002 16:49:05 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: <kr1st@amsat.org>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134941] RE: QST on news stands  
Message-ID: <721D3436A7C2B344A301FD4A413C71A93D8E79@kosh.ARRLHQ.ORG>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

> Apparently my membership renewal arrived after they generated=20  
> the labels  
> for September & October issues. They promised me a couple of=20  
> weeks ago  
> that they would send the September and October issues with separate  
> mailings. I guess someone is walking it all the way down here=20  
> to SC from  
> CT. :)

I just got my office "advance" copy, FedExed to HQ from the printer, two =  
or three days ago. If the ones they promised you don't show up on =  
Monday, email me and I will raid the issue bins and send them to you. If =  
you end up with two copies, find a good home for the others.

73,=20  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

-----  
Date: Fri, 13 Sep 2002 16:53:48 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: <w8diz@fpqrp.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134942] RE: OT: ARRL Polls  
Message-ID: <721D3436A7C2B344A301FD4A413C71A93D8E7B@kosh.ARRLHQ.ORG>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

And everyone can wonder how I answered that poll question. :-)

73,=20  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----  
> From: w8diz [mailto:w8diz@fpqrp.com]  
> Sent: Thursday, September 12, 2002 9:53 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: OT: ARRL Polls  
>=20  
>=20  
> The Poll seems realistic to me...several times I played hooky  
> from work, but the main reason has never been Radio...thought  
> I may have gotten on the air :)

>=20  
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
> Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W  
> FP#-1 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 HIqrp-400  
> <http://kitsandparts.com>  
>=20  
>=20  
> ----- Original Message -----=20  
> From: "Bob Nielsen" <nielsen@oz.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Thursday, September 12, 2002 9:15 PM  
> Subject: Re: OT: ARRL Polls  
>=20  
>=20  
> On Thu, Sep 12, 2002 at 03:42:41PM -0400, Alex wrote:  
> > Can we conclude from:  
> >=20  
> > <http://www.arrl.org:80/survey.php3?pollnr=3D125>  
> >=20  
> > that only 32.8% of all hams are honest? ;-)  
> >=20  
> > Perhaps they could do a poll on "Have you ever considered to retire  
> > early just so you can stay home and operate?"  
>=20  
> Honestly(!), that was one of my thoughts when I retired early.  
>=20  
> 73, Bob N7XY  
>=20  
>=20  
>=20

-----  
Date: Fri, 13 Sep 2002 16:55:51 -0400  
From: W2AGN <w2agn@w2agn.net>  
To: w6toy@erols.com,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [134943] Re: Why?  
Message-ID: <3D821897.30437.33AF4259@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 13 Sep 2002 at 16:33, Bruce Muscolino wrote:

>  
> Why ooh why is there so much anti ARRL membership sentiment on this

> list? I find this really curious. Maybe it is an age related failure.  
>  
> Way back when the earth was very young, a small Ohio farm boy got  
> interested in this new fangled thing called radio. Radios were made  
> from rocks back then (Leon Hellen, take note!).

Bruce, As many things do, the League has changed over the years. While there are some great folks in the League structure. (A tip of the hat to both Ed Hare, and Bernie Fuller, The Atlantic Director), I have found also some VERY arrogant SOBs, mainly in the HQ Staff. (Don't get me started on this past Field Day). There is a perception, which I share, although others may disagree, that they have sold out CW in the interest of increased income, and that while once they were "Of, By and For the Radio Amateur," Now they are Of, By and For....the ARRL." (and no, they are NOT the same thing).

Hardly a week goes by without a request for donations to some ARRL foundation, or project, or whatever. Now they received a sizable Government Grant. Now that's very nice, but to be eligible for that, they have to give up one very important thing...the right to Lobby in Congress. Sure they file with the FCC. You and I could do that, too. But the ARRL has refused forever, to give up their "non-profit" status in order to do the most important thing that an organization can do for it's members, LOBBY! Without that, where do you think the NRA would be today? You'd have to register that spud gun you use to erect your 44' end fed zepps.

Oh boy, here I go again. Probably another dozen will put me on filter for Anti-ARRL sentiments.

--

/ \ / \ / \ / \ / \ John L. Sielke  
( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
 \\_ / \\_ / \\_ / \\_ / \\_ / QRPARCI, NJQRP, ARQrp, GQRP, RSGB  
Ex- K3HLU, W7JEF, W4MPC, N4JS

-----  
Date: Fri, 13 Sep 2002 16:07:41 -0500  
From: "Walter AG5P" <[walter@accessus.net](mailto:walter@accessus.net)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [134944] Re: QRP Afield -- 21 September 02  
Message-ID: <012c01c25b69\$99b588e0\$05476ad8@default>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Chuck and everyone.

<<<snipped>>>  
<<<from>>>

<Chuck Ludinsky, K1CL,  
<  
<Also, it is not permissible to  
<set up multiple stations using multiple callsigns at  
<one location.

Can this be changed please!.....Surely there are  
going to be groups of QRP'ers that will be operating  
under their own callsigns, even though they are attending  
a club gathering or just several QRP'ers getting out  
and operating the QTTF.

Would the above quoted requirement disqualify  
two hams from operating even in the same location,  
i.e., State Park, Monument, etc? Worst part is that  
they may not even know the other one is located  
in the same area and wind up getting disqualified  
when the log sheets came in for the final totals.

Thanks for any re-consideration to the rules.

72/73...Walter, AG5P.....NEQRP#359

-----  
Date: Fri, 13 Sep 2002 17:01:41 -0400  
From: kwike@gdls.com  
To: qrp-1@lehigh.edu  
Subject: [134945] RE: QST on news stands  
Message-ID: <0F6815ED4A.A0DD4138-ON85256C33.0072BA1F@gdls.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

I for one appreciate the fact that ARRL staff reads this list. It is far  
more valuable than the cost of my membership dues. I am sure there are  
other Ham Radio niches that would love to have the same kind of attention

but because you are a QRPer you get it.

Thanks Ed

AB8DF Ed Kwik

"Hare,Ed,  
W1RFI"  
Discussion" <qrp-1@Lehigh.EDU>  
<w1rfi@arrl.org>  
Sent by:  
owner-qrp-1@Lehigh.EDU

To: "Low Power Amateur Radio  
cc:  
Subject: RE: QST on news stands

09/13/2002  
04:49 PM  
Please respond  
to w1rfi

> Apparently my membership renewal arrived after they generated  
> the labels  
> for September & October issues. They promised me a couple of  
> weeks ago  
> that they would send the September and October issues with separate  
> mailings. I guess someone is walking it all the way down here  
> to SC from  
> CT. :)

I just got my office "advance" copy, FedExed to HQ from the printer, two or three days ago. If the ones they promised you don't show up on Monday, email me and I will raid the issue bins and send them to you. If you end up with two copies, find a good home for the others.

73,  
Ed Hare, W1RFI  
ARRL Lab

225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

-----  
Date: Fri, 13 Sep 2002 17:15:10 -0400  
From: "N8IE" <n8ie@woh.rr.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [134946] RE: Why?  
Message-ID: <MMEDLKDLONJOAIGICDJACEANDEAA.n8ie@woh.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Chuck, most of it's the "sheep" syndrome. One of the herd has a bad experience with the ARRL, he in turn tells that to another sheep who is not a member, and the opinion is forged. So now the non-member sheep tells others how bad the ARRL is and others follow suit.

It's the same thing with FISTS, and most other clubs. Myself, I've been a member of the ARRL for about 5 years and most likely will be for ever.

I form my own opinions, I listen to others, but I'm not a sheep. :-D

72, oo  
Dan, N8IE  
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
Bruce Muscolino  
Sent: Friday, September 13, 2002 4:34 PM  
To: Low Power Amateur Radio Discussion  
Subject: Why?

Why ooh why is there so much anti ARRL membership sentiment on this list? I find this really curious. Maybe it is an age related failure.



---

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.385 / Virus Database: 217 - Release Date: 9/4/2002

-----

Date: Fri, 13 Sep 2002 17:24:43 -0400 (EDT)

From: Thom LaCosta <baltimoremd@baltimoremd.com>

To: Bob Nielsen <nielsen@oz.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [134947] Re: QST on news stands

Message-ID: <20020913172203.M18695-1000000@unix1.vhost.min.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Sep 2002, Bob Nielsen wrote:

>

> The Barnes & Noble in Silverdale WA didn't have the last couple of CQ  
> issues either. I wonder if the bookstores are behind this conspiracy.

At last...now I have an answer when my gun-toating, cammi-wearing  
neighbors postulate why the Black Helicopters are flyin over the Inner  
Harbor in Baltimore....it's the Barnes and Noble Conspiracy! >

thom

baltimoremd@baltimoremd.com

<http://www.baltimoremd.com/>

<http://www.baltimorehon.com/>

<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster

Baltimore's Home Page

Home of the Baltimore Lexicon

Home of The QRP Web Ring

and Drake Mail List Pages

-----

Date: Fri, 13 Sep 2002 17:22:54 -0400

From: Garey Barrell <k4oah@mindspring.com>

To: w6toy@erols.com,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [134948] Re: Why?

Message-ID: <5.1.0.14.0.20020913172152.00a163a0@pop.mindspring.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Amen !

73, Garey - K40AH  
Atlanta

At 04:33 PM 9/13/2002, Bruce Muscolino wrote:

>Why ooh why is there so much anti ARRL membership sentiment on this  
>list? I find this really curious. Maybe it is an age related failure.

-----  
Date: Fri, 13 Sep 2002 17:26:11 -0400  
From: "N8IE" <n8ie@woh.rr.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [134949] RE: QST Free? No, I don't think so.  
Message-ID: <MMEDLKDLONJOAIGICDJAOEANDEAA.n8ie@woh.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

QST is free with membership. The AMA (Academy of Model Aeronautics) does the same thing.

You join and one of the perks is the "free" magazine, or you can buy it from a bookstore and not get membership benefits.

Even if printing and postage never went up, membership dues would. I would imagine that membership dues covers a lot more than just the cost of QST.

72, oo  
Dan, N8IE  
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Doug Hendricks  
Sent: Friday, September 13, 2002 1:00 PM  
To: Low Power Amateur Radio Discussion  
Subject: QST Free? No, I don't think so.

Hank, if QST is "Free", then how come the cost of membership in ARRL keeps rising everytime postage and printing costs raise? You better believe that you are paying for QST. 72, Doug

---

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Version: 6.0.385 / Virus Database: 217 - Release Date: 9/4/2002

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Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.385 / Virus Database: 217 - Release Date: 9/4/2002

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Date: Fri, 13 Sep 2002 17:36:11 -0400 (EDT)  
From: Thom LaCosta <baltimoremd@baltimoremd.com>  
To: W2AGN <w2agn@w2agn.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [134950] Re: Why?  
Message-ID: <20020913173435.X18695-100000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Sep 2002, W2AGN wrote:

> Oh boy, here I go again. Probably another dozen will put me on filter for Anti-  
ARRL  
> sentiments.

The real question might be how many don't put you in the filter for  
Anti-ARRL sentiments because they already have you there for some other  
reason?

Thom

baltimoremd@baltimoremd.com  
<http://www.baltimoremd.com/>  
<http://www.baltimorehon.com/>  
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster  
Baltimore's Home Page  
Home of the Baltimore Lexicon  
Home of The QRP Web Ring  
and Drake Mail List Pages

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Date: Fri, 13 Sep 2002 17:39:29 -0400  
From: Harry Hurst <wa3ptg@comcast.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [134951] HB - manhattan capacitor  
Message-ID: <0000001c25b6e\$0aa39ca0\$0500a8c0@matthew>

MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

This morning I found a Lafayette "Explor-Air" general coverage regen at a fleamarket. Of course, when I got it home, the ps electrolytic was bad. No problem! Got out a bag of 100 uf, 35 volt hamfest caps and a piece of pc board. In a few minutes I had a 3-section, close-enuf uf, 140 volt, electrolytic glued and soldered, and spent the afternoon listening to my find. Love that manhattan style. The best part is I didn't have to butcher the radio. It can be removed leaving no trace.

Why is it so much fun to listen to a regen when there are hugely better radios in the same room??

72  
Hap, WA3PTG  
Wilmington DE

-----  
Date: Fri, 13 Sep 2002 17:40:18 -0400  
From: W2AGN <w2agn@w2agn.net>  
To: Thom LaCosta <baltimoremd@baltimoremd.com>,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [134952] Re: Why?  
Message-ID: <3D822302.17895.33D7E6B4@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 13 Sep 2002 at 17:36, Thom LaCosta wrote:

> On Fri, 13 Sep 2002, W2AGN wrote:  
>  
> > Oh boy, here I go again. Probably another dozen will put me on filter for  
Anti-ARRL  
> > sentiments.  
>  
> The real question might be how many don't put you in the filter for  
> Anti-ARRL sentiments because they already have you there for some other  
> reason?

>  
> Thom

Good point. A philosophical question, if I send an email, and everybody has me filtered, does a bear poop (see how nice and PC I am) in the woods?

--

/ \ / \ / \ / \ / \ John L. Sielke  
( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
 \\_ / \\_ / \\_ / \\_ / \\_ / QRPARCI, NJQRP, ARQrp, GQRP, RSGB  
Ex- K3HLU, W7JEF, W4MPC, N4JS

-----  
Date: Fri, 13 Sep 2002 17:43:16 -0400  
From: "N8IE" <n8ie@woh.rr.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [134953] RE: Why?  
Message-ID: <MMEDLKDLONJOAIGICDJAGEAPDEAA.n8ie@woh.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Now that's funny! :-)

72, oo  
Dan, N8IE  
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
Thom LaCosta  
Sent: Friday, September 13, 2002 5:36 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Why?

On Fri, 13 Sep 2002, W2AGN wrote:

> Oh boy, here I go again. Probably another dozen will put me on filter for  
Anti-ARRL  
> sentiments.

The real question might be how many don't put you in the filter for  
Anti-ARRL sentiments because they already have you there for some other  
reason?

Thom

baltimoremd@baltimoremd.com  
<http://www.baltimoremd.com/>  
<http://www.baltimorehon.com/>  
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster  
Baltimore's Home Page  
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Home of The QRP Web Ring  
and Drake Mail List Pages

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Version: 6.0.385 / Virus Database: 217 - Release Date: 9/4/2002

-----

Date: Fri, 13 Sep 2002 17:58:11 -0400 (EDT)  
From: Thom LaCosta <baltimoremd@baltimoremd.com>  
To: W2AGN <w2agn@w2agn.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [134954] Re: Why?  
Message-ID: <20020913174613.K18695-100000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Sep 2002, W2AGN wrote:

```
> On 13 Sep 2002 at 17:36, Thom LaCosta wrote:
>
> > On Fri, 13 Sep 2002, W2AGN wrote:
> >
> > > Oh boy, here I go again. Probably another dozen will put me on filter for
Anti-ARRL
> > > sentiments.
> >
> > The real question might be how many don't put you in the filter for
> > Anti-ARRL sentiments because they already have you there for some other
> > reason?
> >
> > Thom
>
```

> Good point. A philosophical question, if I send an email, and everybody has me  
> filtered, does a bear poop (see how nice and PC I am) in the woods?

I dunno know...still trying to send CW while insuring that at no time do  
my hands connect with my arms.

That being said...I think one pivot point about ARRL membership is how  
well, if at all, the league represents the hobby as a lobby force.

If ham radio loses the regulation/treaty war, then there isn't a lot of  
value in QST articles, W1AW Schedule and Awards, since there won't be  
any frequencies for Amateur Radio.

I  
purchased a Life Membership over 40 years ago, n >

Yep...I purchased mine around the same time...I made so little money then  
that the only way I could afford the fee was to sell off some of the  
electronic "stuff" I had accumulated. > --

Thom

baltimoremd@baltimoremd.com  
<http://www.baltimoremd.com/>  
<http://www.baltimorehon.com/>  
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster  
Baltimore's Home Page  
Home of the Baltimore Lexicon  
Home of The QRP Web Ring  
and Drake Mail List Pages

-----  
Date: Fri, 13 Sep 2002 21:29:23 +0100  
From: JOSE VICENTE <vicente@supernet.com.br>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134955] Re: Elecraft K1 VFO Instability  
Message-ID: <5.1.0.14.2.20020913212235.02ece5b0@localhost>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

\*\*\*\*adjacent placement to a highly ferrous metal

ANY metal will cause the problem, nothing especial with ferrous metal.  
The capacitor pf rise getting close to any conductor, fixing it tight to  
any surface  
metal or not may fix the problem. (not to a hot spot).

73, Joe py2auc

At 12:21 PM 9/13/02 -0400, you wrote:

>Has anyone else noticed a bit of mechanical VFO instability with their  
>Elecraft K1s? Specifically, the instability appears to be a  
>function of the placement of the K2 near other steel metal objects and  
>also occurs with slight flexing of the case near the VFO  
>components.  
>  
>Last night, I localized the source: The problem is rooted to the  
>placement of the two polystyrene VFO capacitors. Unfortunately,  
>the two capacitors are located ~~under~~ the PC board and are located within  
>a millimeter of the steel case. And thus, any slight  
>flexing of the case or adjacent placement to a highly ferrous metal,  
>exhibits very noticeable VFO instability. I did note that  
>both caps are properly seated firmly against the PC board. Of all the K1  
>components NOT to locate adjacent to the steel case....its  
>is precisely these two capacitors. I am in absolute bewilderment why  
>this was chosen.  
>  
>If reasonably accomplished, my next steps will involve transferring the  
>two polystyrene VFO caps to the top of the board, well away  
>from anything that moves. I haven't had an opportunity to re-review the  
>K1 schematic, but if one lead of one of the caps goes to  
>ground, its possible to orient or "polarize" the polystyrene cap such that  
>the outer aluminum foil is attached to the grounded lead.  
>This would help, but I suspect that the leads from both caps float above  
>ground in this circuit.  
>  
>-Paul, W9AC

-----  
Date: Fri, 13 Sep 2002 22:03:27 +0100  
From: JOSE VICENTE <vicente@supernet.com.br>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134956] Re: Making a transistor from galena  
Message-ID: <5.1.0.14.2.20020913215523.02ed7240@localhost>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Look at this website which I think you will enjoy,  
neat home made tunnel diode oscillator, galena way.



Plug the key and will be ALL home made QRP.

<http://home.earthlink.net/~lenyr/index.html>

73, Joe py2auc

At 08:32 PM 9/13/02 +0100, you wrote:

>I thought my idea was a bit daft, but someone has done it according to this  
>web page:

>

><http://www.amasci.com/amateur/transis.html>

>

>They weren't very useful devices, but they seem to have had a bit of gain.

>

>Who'll be the first to establish two-way communication with a lead sulphide  
>radio? 8-)

>

>73, Leon

>--

>Leon Heller, G1HSM

>[leon\\_heller@hotmail.com](mailto:leon_heller@hotmail.com)

>[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----

Date: Fri, 13 Sep 2002 18:09:20 -0400

From: Dave Fouchey <[dafouchey@comcast.net](mailto:dafouchey@comcast.net)>

To: [w2agn@w2agn.net](mailto:w2agn@w2agn.net),

Low Power Amateur Radio Discussion <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>

Subject: [134957] Re: Why?

Message-ID: <4.1.20020913180812.00945480@localhost>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7BIT

Two things: First I don't filter ANYONE but I do have a very good delete key.

Second: you would have to check with the Bear...

73's

Dave

WA4EMR

At 05:40 PM 9/13/02 -0400, W2AGN wrote:

>On 13 Sep 2002 at 17:36, Thom LaCosta wrote:

>

>> On Fri, 13 Sep 2002, W2AGN wrote:  
>>  
>> > Oh boy, here I go again. Probably another dozen will put me on filter  
>for Anti-ARRL  
>> > sentiments.  
>>  
>> The real question might be how many don't put you in the filter for  
>> Anti-ARRL sentiments because they already have you there for some other  
>> reason?  
>>  
>> Thom  
>  
>Good point. A philosophical question, if I send an email, and everybody has  
>me filtered, does a bear poop (see how nice and PC I am) in the woods?  
>  
>--  
>  
> /\_ \ /\_ \ /\_ \ /\_ \ /\_ \ John L. Sielke  
>( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
> \\_ / \\_ / \\_ / \\_ / \\_ / QRPARCI, NJQRP, ARQrp,GQRP,RSGB  
>Ex- K3HLU, W7JEF, W4MPC, N4JS

-----  
Date: Fri, 13 Sep 2002 15:10:57 -0700  
From: Mighty Mik <[mightymik2@attbi.com](mailto:mightymik2@attbi.com)>  
To: "Low Power Amateur Radio Discussion" <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>  
Subject: [134958] RE: QST Free? No, I don't think so.  
Message-ID: <5.1.0.14.0.20020913150838.00b81d78@mail.attbi.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

QST is a MUCH better magazine than Model Aviation. I find MA so nauseating  
it goes straight to the trash most of the time.

At 05:26 PM 9/13/2002 -0400, you wrote:  
>QST is free with membership. The AMA (Academy of Model Aeronautics) does the  
>same thing.  
>You join and one of the perks is the "free" magazine, or you can buy it from  
>a bookstore and not get membership benefits.  
>  
>Even if printing and postage never went up, membership dues would. I would  
>imagine that membership dues covers a lot more than just the cost of QST.  
>  
>72, oo  
>Dan, N8IE  
>FPqrp #-6, QRP-1 #1404, FISTS #4985

>  
>-----Original Message-----  
>From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
>Doug Hendricks  
>Sent: Friday, September 13, 2002 1:00 PM  
>To: Low Power Amateur Radio Discussion  
>Subject: QST Free? No, I don't think so.  
>  
>  
>Hank, if QST is "Free", then how come the cost of membership in ARRL keeps  
>rising everytime postage and printing costs raise? You better believe that  
>you are paying for QST. 72, Doug  
>  
>  
>---  
>Incoming mail is certified Virus Free.  
>Checked by AVG anti-virus system (<http://www.grisoft.com>).  
>Version: 6.0.385 / Virus Database: 217 - Release Date: 9/4/2002  
>  
>---  
>Outgoing mail is certified Virus Free.  
>Checked by AVG anti-virus system (<http://www.grisoft.com>).  
>Version: 6.0.385 / Virus Database: 217 - Release Date: 9/4/2002

-----  
Date: Fri, 13 Sep 2002 18:18:24 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [134959] [OT] ARRL - Evil empire or salvation of Amateur Radio? (was RE: Why?)  
Message-ID: <721D3436A7C2B344A301FD4A413C71A91AC110@kosh.ARRLHQ.ORG>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

> > Why ooh why is there so much anti ARRL membership sentiment on this  
> > list? I find this really curious. Maybe it is an age=20  
> > related failure.

> Bruce, As many things do, the League has changed over the=20  
> years. While there are some great folks in the League=20  
> structure. (A tip of the hat to both Ed Hare, and Bernie=20  
> Fuller, The Atlantic Director), I have found also some VERY=20  
> arrogant SOB's, mainly in the HQ Staff.=20

I think that most people who deal with ARRL staff will disagree with you, at least as it applies to most staff. I do know a few here who, unfortunately, don't always maintain a cool demeanor when faced with some of our more "flamboyant" members, though. But all in all, the HQ staff work here instead of somewhere else because they really want to do the work they do. (It sure ain't the pay, as any present or former staffer will gladly attest!)

> There is a perception, which I share, although others may disagree, that they have=20

> sold out CW in the interest of increased income,=20

I don't think that this forum is the place for the great CW debate, but the League would have no reason to "sell out" CW, or sell out SSB, or EME, or QRP. As to increased income, why would ARRL's policy position that it supports the retention of Morse code for HF access (still not changed since the Board passed that resolution) and that ARRL will not expend its resources to try to influence the retention of Morse code as an international treaty requirement increase income? If you believe that more hams will join ARRL because of that position, you are saying that more hams favor that position, and the one thing that I believe ARRL should do is to take those courses of actions that "more hams" want it to take.

> and that while once they were "Of, By and For the Radio Amateur," Now they are Of, By and For....the ARRL." (and no, they are NOT the same thing).=20

The one thing that would be best for ARRL is a healthy and vibrant Amateur Radio. If ARRL were to take action that was harmful to Amateur Radio, it would be harming itself. The policy of the ARRL is set by the ARRL Board of Directors. Those Directors, by their own policy, cannot and do not have any vested financial interest in Amateur Radio. They serve ARRL as unpaid volunteers, with only their legitimate travel expenses to conventions and club meetings in their Divisions (and to Board meetings) reimbursed. The ARRL President and 3 elected Vice Presidents also serve without pay. The HQ staff are paid, but they do not set policy -- they carry it out. It is not at all logical to think that all these unpaid volunteers think only of raking in the money that they don't get to keep.

>> Hardly a week goes by without a request for donations to some ARRL foundation, or project, or whatever.=20

Yes, indeed, and ARRL can and should consider the financial aspects of everything it does. Every year as I put together the ARRL Lab budget and business plan, there are things I can't do because there is no way =

to fund them. I can't order every piece of test equipment that I could =  
use in the ARRL Lab. I can't attend every long, boring =  
industry-standards meeting (things like HomePlug, Home Phone Networking =  
Alliance and other similar organizations are important contacts for ARRL =  
to protect ham radio) and I can't undertake all of the projects I think =  
are important for ham radio. Each and every one of those very dollars =  
that you are lamenting translate into something that ARRL does, or, even =  
more important, something that ARRL cannot do because it doesn't have =  
the resources. =20

Those projects you are discussing include things like the "Big Project," =  
bringing Amateur Radio into the classroom -- an investment in our very =  
future. Go to the web page and see how those donations are being used. =  
I have done my bit for that one, and I think that others who have done =  
the same deserve my thanks. Spectrum defense? That don't come cheap, =  
and it includes much of the work that I have done over the years to =  
address RFI at the source. Want a good example of that "whatever?" See:

[http://www.arrl.org/~ehare/rfi/homeplug/HomePlug\\_ARRL\\_Dec\\_2000.pdf](http://www.arrl.org/~ehare/rfi/homeplug/HomePlug_ARRL_Dec_2000.pdf),=20

and imagine what our bands might sound like without those notches. Make =  
a contribution to the Defense fund, and see if we can't fund more of =  
that. =20

It is not "whatever," John, but very real issues and threats to our very =  
existence that ARRL faces every day. Today's threat came in my mailbox =  
from Chris Imlay. A company called Current Technologies =  
(<http://www.currenttechnologies.com>) applied for an experimental license =  
to use 1.7-80 MHz to test up to 300 power-line carrier devices to use =  
overhead powerlines to deliver high-speed internet access to homes. =  
ARRL has managed to work effectively with HomePlug on a similar product, =  
and I will be seeing what we can do to work with this part of the =  
industry, too. It would be nice to fund all of this from membership =  
dues dollars, and the League does a lot of that, but as short as 10 =  
years ago, we didn't have this sort of thing appearing in our backyards, =  
from 10 different directions at once? Do you want me to try to deal =  
with this, or would you feel that ARRL had served you if I, too, said =  
"whatever" and moved on to something a lot more fun? FYI, the non-blank =  
parts of that experimental license authorization are appended.

> Now they received a sizable Government Grant. Now that's very nice, =  
but to be eligible for that, they have to give up one very important =  
thing...the right to Lobby in Congress.

Perry Mansfield was brought out of retirement to ensure that until ARRL =  
can hire a replacement for Steve Mansfield (NOMZA, sk) that our =  
communications with Congress will continue. The grant places no such =  
restriction on ARRL. I can't imagine how you think it could.=20

> But the ARRL has refused forever, to give up their "non-profit"=20  
> status in order to do the most important thing that an=20  
> organization can do for it's members, LOBBY! Without that,=20  
> where do you think the NRA would be today? You'd have to=20  
> register that spud gun you use to erect your 44' end fed zepps.

Exactly, John, and much of what ARRL does is paid for by those who =  
contribute as members, those who flip past the ads in QST, those who buy =  
the League's publications and those who decide what part of ARRL's =  
operation are most important to them and make contributions to fund it. =  
(Much more of it is done under the ARRL Field Organization -- another =  
volunteer effort.) Before I came to ARRL HQ, I envisioned a small =  
building staffed by dedicated volunteers, but I later realized that =  
without a paid staff, on nice sunny days like today, there would be no =  
one to do the work that happens here every single workday. Back when I =  
did a lot of work on the FCC RF exposure rules, someone thanked me for =  
what I had done (I estimate that the Lab and DC staff collectively had =  
about 500 hours worth of back and forth with the Commission, writing the =  
web-page and QST articles and the RF Exposure book.) I replied that it =  
was not necessary to thank me -- it was my job. A job I try to do well, =  
but a job that only happens because 165,000 hams chipped in.=20

> Oh boy, here I go again. Probably another dozen will put me=20  
> on filter for Anti-ARRL sentiments.

I, too, have my disagreements with ARRL. Tom Frenaye hears from me on a =  
regular basis. But when I look at things like ARRL's defense of =  
frequencies (where were the other amateur organizations on the 70 cm =  
RFID Savi Technologies petition for rulemaking?), its RFI program, the =  
information on its web page (and QRP is prominently featured there), its =  
programs to get Amateur Radio in the classrooms, its coordination and =  
help in getting Amateur Radio on the space shuttles, its educational =  
programs and work... I won't type the whole list, but if you consider =  
yourself to be Anti-ARRL, what percentage of the League's work do you =  
think you are against? What percentage of this list? If all ARRL did =  
was any one of them, I consider that my dues dollars for that year have =  
been justified -- and I get to say that a few times every year.

I won't respond to this thread any longer, because unless it deals with =  
ARRL's relationship to QRP, it really is off topic here, so the last =  
word, should you want it, is yours. But from what I know of my fellows =  
here on staff, the ARRL really is your League, and my League, and those =  
who set its policy are directly chosen by the members and have nothing =  
to gain but the knowledge that they have done what they believe to be =  
the right thing for the Amateur Radio that they love as much as you or =  
I. We can disagree with whether each of the many things that ARRL does =  
is right, but there is no reason to believe that the motivations behind =

those decisions are not noble, because personally knowing each of those =  
15 Directors who set the policy that is behind all that I do, I cannot =  
say that a single one does not have the interests of Amateur Radio as =  
his or her reason for serving. And serving it is -- some Directors give =  
up half of their weekends and no small number of their weekdays to get =  
to conventions, club meetings and Board functions. A bit more than I am =  
willing to do. How about you? :-)

73,=20

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by =  
membership dues, individual contributions and the sale of publications =  
and advertising. For more information about ARRL, go to =  
<http://www.arrl.org/news/features/inside-your-league.html>. For more =  
information about membership, go to <http://www.arrl.org/join.html>. Your =  
contribution can also help support ARRL's ongoing efforts to protect =  
Amateur spectrum. Go to =  
<https://www.arrl.org/forms/development/donations/basic/> to learn more =  
about the ways you can support the ARRL programs and activities of most =  
importance to you. You can help ARRL protect Amateur Radio for you and =  
future generations to enjoy.

> -----Original Message-----

> From: W2AGN [mailto:w2agn@w2agn.net]

> Sent: Friday, September 13, 2002 4:56 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Why?

>=20

>=20

> On 13 Sep 2002 at 16:33, Bruce Muscolino wrote:

>=20

> >=20

> > Why ooh why is there so much anti ARRL membership sentiment on this

> > list? I find this really curious. Maybe it is an age=20

> related failure.

> >=20

> > Way back when the earth was very young, a small Ohio farm boy got

> > interested in this new fangled thing called radio. Radios were made

> > from rocks back then (Leon Hellen, take note!).

>=20

>=20  
> Bruce, As many things do, the League has changed over the=20  
> years. While there are some great folks in the League=20  
> structure. (A tip of the hat to both Ed Hare, and Bernie=20  
> Fuller, The Atlantic Director), I have found also some VERY=20  
> arrogant SOBs, mainly in the HQ Staff. (Don't get me started=20  
> on this past Field Day). There is a perception,=20  
> which I share, although others may disagree, that they have=20  
> sold out CW in the interest of increased income, and that=20  
> while once they were "Of, By and For the Radio=20  
> Amateur," Now they are Of, By and For....the ARRL." (and no,=20  
> they are NOT the same thing).=20  
>=20  
> Hardly a week goes by without a request for donations to some=20  
> ARRL foundation, or project, or whatever. Now they received a=20  
> sizable Government Grant. Now that's very=20  
> nice, but to be eligible for that, they have to give up one=20  
> very important thing...the right to Lobby in Congress. Sure=20  
> they file with the FCC. You and I could do that, too. But=20  
> the ARRL has refused forever, to give up their "non-profit"=20  
> status in order to do the most important thing that an=20  
> organization can do for it's members, LOBBY! Without that,=20  
> where do you think the NRA would be today? You'd have to=20  
> register that spud gun you use to erect your 44' end fed zepps.  
>=20  
> Oh boy, here I go again. Probably another dozen will put me=20  
> on filter for Anti-ARRL sentiments.  
>=20  
> --  
>  
> \_ \_ \_ \_ \_ =20  
> / \ / \ / \ / \ / \ John L. Sielke  
> ( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
> \\_ / \\_ / \\_ / \\_ / \\_ / QRPARCI, NJQRP, ARQrp,GQRP,RSGB  
> Ex- K3HLU, W7JEF, W4MPC, N4JS

Jay Birnbaum, 12800 Middlebrook Road, Suite 201, Germantown, MD 20874  
NAME Current Technologies, LLC

Subject to the provisions of the Communications Act of 1934, subsequent =  
acts, and treaties, and all  
regulations heretofore or hereafter made by this Commission, and further =  
subject to the conditions  
and requirements set forth in this license, the licensee hereof is =  
hereby authorized to use and operate  
the radio transmitting facilities hereinafter described for radio =  
communications in accordance with the  
program of experimentation described by the licensee in its application =  
for license.



Operation: In accordance with Sec. 5.3(i, j) of the Commission's Rules =  
XD RADIO STATION CONSTRUCTION PERMIT United States of America

FEDERAL COMMUNICATIONS COMMISSION

EXPERIMENTAL

WC2XUV

FX EXPERIMENTAL AND LICENSE

Station Locations

OH (1)

IN (2)

MD (3)

Frequency

1.7-80 MHz FX

September 12, 2002 will expire 3:00 A.M. EST February 01, 2004

This authorization effective

Licensee Name: Current Technologies, LLC File Number: 0046-EX-ML-2002

Call Sign: WC2XUV

Special Conditions:

(1) The station identification requirements of Section 5.115 of the =  
Commission's Rules

are waived.

(2) Licensee should be aware that other stations may be licensed on =  
these frequencies

and if any interference occurs, the licensee of this authorization will =  
be subject to

immediate shut down.

(3) All customers participating in the experiment shall be informed that  
this operation is for experimental purposes only and can be cancelled at =  
any time.

(4) Licensee is required to file a PROGRESS REPORT every 6 months from  
the date of grant. This progress report shall be filed with Federal =  
Communications

Commission; Experimental Licensing Branch, MS 1300E1; 445 12 Street, =  
S.W.;

Washington, DC 20554 or uploaded electronically via the OET Experimental =  
Licensing

Branch's Electronic Filing Web Site at =

[https://gullfoss2.fcc.gov/prod/oet/index\\_els.html](https://gullfoss2.fcc.gov/prod/oet/index_els.html) by  
using the "Add Attachments" feature.

(5) The PROGRESS REPORT should include, but is not limited to, a =  
description of

measurements and results demonstrating compliance with Part 15.109. (6) =  
Market study testing is authorized with the use of up to 100 units in =  
Ohio, 100 units in Indiana and 100 units in Maryland.

(7) CISPR quasi-peak measurements are to be taken in the linear mode  
only.

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Date: Fri, 13 Sep 2002 18:14:26 -0400  
From: Tom Feeny <tfeeny@comcast.net>  
To: \*QRP-L <qrp-l@lehigh.edu>  
Subject: [134960] Re: Why?  
Message-ID: <003f01c25b72\$efb65ae0\$865d2044@waldlk01.mi.comcast.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=Windows-1252  
Content-transfer-encoding: 7BIT

> Why ooh why is there so much anti ARRL  
> membership sentiment on this list?

This is nothing new. Remember Wayne Green?  
He made a lot of money bashing the League.  
I refused to buy his rag because of his anti-ARRL  
garbage altho I do admit he did have some good  
technical features.

The point of my previous post was that WE thought  
enough of the ARRL to buy TWO life memberships.

> Way back when the earth was very young <snip>  
> . . he had heard some hams on 40 meter phone!

Wait a minit. 'Way back when', forty was CW only.

Tom and Nancy, W8K0X and NJ8B

-----  
Date: Fri, 13 Sep 2002 18:21:47 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [134961] RE: Why?  
Message-ID: <721D3436A7C2B344A301FD4A413C71A93D8E82@kosh.ARRLHQ.ORG>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

> Good point. A philosophical question, if I send an email, and=20  
> everybody has me filtered, does a bear poop (see how nice and=20  
> PC I am) in the woods?

A polar bear doesn't... :-)

73,=20

Ed Hare, W1RFI

> -----Original Message-----

> From: W2AGN [mailto:w2agn@w2agn.net]

> Sent: Friday, September 13, 2002 5:40 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Why?

>=20

>=20

> On 13 Sep 2002 at 17:36, Thom LaCosta wrote:

>=20

> > On Fri, 13 Sep 2002, W2AGN wrote:

> >=20

> > > Oh boy, here I go again. Probably another dozen will put=20

> me on filter for Anti-ARRL

> > > sentiments.

> >=20

> > The real question might be how many don't put you in the filter for

> > Anti-ARRL sentiments because they already have you there=20

> for some other

> > reason?

> >=20

> > Thom

>=20

> Good point. A philosophical question, if I send an email, and=20

> everybody has me filtered, does a bear poop (see how nice and=20

> PC I am) in the woods?

>=20

> --

> =20

> / \ / \ / \ / \ / \ John L. Sielke

> ( W ) ( 2 ) ( A ) ( G ) ( N ) <http://www.w2agn.net>

> \\_ / \\_ / \\_ / \\_ / \\_ / QRP/ARCI, NJQRP, ARQrp, GQRP, RSGB

> Ex- K3HLU, W7JEF, W4MPC, N4JS

>=20

-----  
Date: Fri, 13 Sep 2002 18:32:11 -0400  
From: "N8IE" <n8ie@woh.rr.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [134962] RE: QST Free? No, I don't think so.  
Message-ID: <MMEDLKDLONJOAIGICDJAIEBBDEAA.n8ie@woh.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Agree 100%.  
I had to drop out of that hobby when I lost center vision in my right eye.  
Depth perception is a very important part of any landing.

72, oo  
Dan, N8IE  
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
Mighty Mik  
Sent: Friday, September 13, 2002 6:11 PM  
To: Low Power Amateur Radio Discussion  
Subject: RE: QST Free? No, I don't think so.

QST is a MUCH better magazine than Model Aviation. I find MA so nauseating  
it goes straight to the trash most of the time.

At 05:26 PM 9/13/2002 -0400, you wrote:

>QST is free with membership. The AMA (Academy of Model Aeronautics) does  
the

>same thing.

>You join and one of the perks is the "free" magazine, or you can buy it  
from

>a bookstore and not get membership benefits.

>

>Even if printing and postage never went up, membership dues would. I would

>imagine that membership dues covers a lot more than just the cost of QST.

>

>72, oo

>Dan, N8IE

>FPqrp #-6, QRP-1 #1404, FISTS #4985

>

>-----Original Message-----

>From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
>Doug Hendricks  
>Sent: Friday, September 13, 2002 1:00 PM  
>To: Low Power Amateur Radio Discussion  
>Subject: QST Free? No, I don't think so.  
>  
>  
>Hank, if QST is "Free", then how come the cost of membership in ARRL keeps  
>rising everytime postage and printing costs raise? You better believe that  
>you are paying for QST. 72, Doug  
>  
>  
>---  
>Incoming mail is certified Virus Free.  
>Checked by AVG anti-virus system (<http://www.grisoft.com>).  
>Version: 6.0.385 / Virus Database: 217 - Release Date: 9/4/2002  
>  
>---  
>Outgoing mail is certified Virus Free.  
>Checked by AVG anti-virus system (<http://www.grisoft.com>).  
>Version: 6.0.385 / Virus Database: 217 - Release Date: 9/4/2002

---  
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---  
Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.385 / Virus Database: 217 - Release Date: 9/4/2002

-----  
Date: Fri, 13 Sep 2002 18:32:53 -0400  
From: "N8IE" <n8ie@woh.rr.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [134963] RE: Why?  
Message-ID: <MMEDLKDLONJOAIGICDJAMEBBDEAA.n8ie@woh.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

That's why they are always so angry.

72, oo  
Dan, N8IE  
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Hare, Ed, W1RFI  
Sent: Friday, September 13, 2002 6:22 PM  
To: Low Power Amateur Radio Discussion  
Subject: RE: Why?

> Good point. A philosophical question, if I send an email, and  
> everybody has me filtered, does a bear poop (see how nice and  
> PC I am) in the woods?

A polar bear doesn't... :-)

73,  
Ed Hare, W1RFI

> -----Original Message-----

> From: W2AGN [mailto:w2agn@w2agn.net]  
> Sent: Friday, September 13, 2002 5:40 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: Why?

>

>

> On 13 Sep 2002 at 17:36, Thom LaCosta wrote:

>

> > On Fri, 13 Sep 2002, W2AGN wrote:

> >

> > > Oh boy, here I go again. Probably another dozen will put  
> me on filter for Anti-ARRL

> > > sentiments.

> >

> > The real question might be how many don't put you in the filter for  
> > Anti-ARRL sentiments because they already have you there

> for some other

> > reason?

> >

> > Thom

>

> Good point. A philosophical question, if I send an email, and  
> everybody has me filtered, does a bear poop (see how nice and

> PC I am) in the woods?  
>  
> --  
>  
> / \ / \ / \ / \ / \ John L. Sielke  
> ( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
> \\_ / \\_ / \\_ / \\_ / \\_ QRP/ARCI, NJQRP, ARQrp, GQRP, RSGB  
> Ex- K3HLU, W7JEF, W4MPC, N4JS  
>

---  
Incoming mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.385 / Virus Database: 217 - Release Date: 9/4/2002

---  
Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.385 / Virus Database: 217 - Release Date: 9/4/2002

-----  
Date: Fri, 13 Sep 2002 15:38:13 -0700  
From: "bob baxter" <[rbaxter@cybertrails.com](mailto:rbaxter@cybertrails.com)>  
To: "Low Power Amateur Radio Discussion" <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>  
Subject: [134964] Re: Could use a little help RE: SWR meters  
Message-ID: <008401c25b76\$49f29b60\$a3552aa2@bobbaxte>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Carl wrote:

> Among other things, you have static on the meter cover. rub/clean it  
with  
> something like "bounce", used in the clothes dryer to prevent static  
in your  
> clothes ...!!!

Windex works also.

Bob Baxter AA7EQ  
Bisbee, Az.

-----  
Date: Fri, 13 Sep 2002 17:47:54 -0500  
From: <mgoins@usa.net>  
To: <qrp-l@lehigh.edu>  
Subject: [134965] Technician class help  
Message-ID: <20020913224754.21848.qmail@uwdvg001.cms.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

I'm teaching a technician class at the special school where I now work, and  
would like to talk with anyone who might have used the Now You're Talking=  
tech  
manual/information as a part of a physics class. =

Please contact me off list. thanks.

mike  
wb5yjx

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End of QRP-L Digest 2677  
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